

OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-664-655-5

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7320 GTTGTGCTCGCTT 7335
DB 22 GTTGTGCTCGCTT 7

RESULT 1341

US-09-662-660-14/c
Sequence 14, Application US/09662660
Patent No. 6664097
GENERAL INFORMATION:
APPLICANT: Ruseell, William
APPLICANT: Kleenhammer, Todd
TITLE OF INVENTION: LACTOBACILLUS BETA-GLUCURONIDASE AND DNA ENCODING THE SAME
FILE REFERENCE: 5051.514
CURRENT APPLICATION NUMBER: US/09/662.660
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/206,372
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.0
SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(22)
OTHER INFORMATION: Synthetic Oligonucleotide Primer - GUS-1R.
US-09-662-660-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 747 CTTCTCTCACCGCCT 762
DB 16 CTTCTCTCATCGCCT 1

RESULT 1342

US-09-721-154-4/c
Sequence 4, Application US/09721154
Patent No. 6651008
GENERAL INFORMATION:
APPLICANT: Valsberg, Eugene
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
FILE REFERENCE: Cytop007c2
CURRENT APPLICATION NUMBER: US/09/721.154
PRIOR FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Pseudo-sequence
US-09-721-154-4

Query Match 0.2%; Score 14.4; DB 1; Length 24;

Best Local Similarity 75.0%; Pred. No. 2.3e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 4018 AGAAAAAGAGAGAAACAAATG 4041
DB 24 AAAAAAAAAAAAAAAAAAAAAAG 1

RESULT 1343

US-09-721-154-1/c
Sequence 1, Application US/09721154
Patent No. 6651008
GENERAL INFORMATION:
APPLICANT: Valsberg, Eugene
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
FILE REFERENCE: Cytop007c2
CURRENT APPLICATION NUMBER: US/09/721.154
PRIOR FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Pseudo-sequence
US-09-721-154-1

Query Match 0.2%; Score 14.4; DB 1; Length 24;
Best Local Similarity 75.0%; Pred. No. 2.3e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 4014 AATGAGAAAAAGAGAGAAACAA 4037
DB 24 AATGAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1344

US-08-487-799-17/c
Sequence 17, Application US/08487799C
Patent No. 6010908
GENERAL INFORMATION:
APPLICANT: Gruenert, Deter C.
APPLICANT: Kunzelmann, Karl
TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
FILE REFERENCE: 480.18-1(HV)
CURRENT APPLICATION NUMBER: US/08/487.799C
PRIOR FILING DATE: 1995-06-07
EARLIER APPLICATION NUMBER: 07/933,471
EARLIER FILING DATE: 1992-08-21
EARLIER APPLICATION NUMBER: 08/409,544
NUMBER OF SEQ ID NOS: 87
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-08-487-799-17

Query Match 0.2%; Score 14.4; DB 1; Length 24;
Best Local Similarity 75.0%; Pred. No. 2.3e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 490 GATGAAGAAGACTTACT 513
DB 24 GATGAAGTATGACGACTACT 1

RESULT 1345
US-08-747-536-17/c
Sequence 17, Application US/08747536
Patent No. 5968737
GENERAL INFORMATION:
APPLICANT: Ali-Osman, Francis
APPLICANT: Lopez-Berestein, Gabriel
APPLICANT: Buclawwin, John
APPLICANT: Antoun, Gamil
APPLICANT: Lo, Hui-Wen
APPLICANT: Keller, Charles
TITLE OF INVENTION: GLUTATHIONE S-TRANSFERASE (GST) GENES IN
TITLE OF INVENTION: CANCER
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/747,536
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UTXC:492
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-747-536-17

Query Match 0.2%; Score 14.4; DB 1; Length 26;
Best Local Similarity 93.8%; Pred. No. 2.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5928 ATGTCACCTGGGCTG 5943
DB 16 ATGTCACGAGGCTG 1

RESULT 1346
US-09-304-232-152/c
Sequence 152, Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:
APPLICANT: Pan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US

QY 1749 GCTGACATCATATTCATCCTGC 1774
DB 28 GCTGCTCTCTGTCGTCGTCCTGC 3

RESULT 1347
US-08-882-649A-7/c
Sequence 7, Application US/08882649A
Patent No. 6344316
GENERAL INFORMATION:
APPLICANT: Lockhart, David J.
Chee, Mark
Gundersen, Kevin
Chaoqiang, Lai
Wodicka, Lisa
Cronin, Maureen T.
Lee, Danny
Tiran, Huu M.
Matsuzaki, Hajime
McGall, Glenn H.
TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Joe Liebeschuetz
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,649A
FILING DATE: 25-Jun-1997
CLASSIFICATION: 435-006.000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/010,471
FILING DATE: 23-JAN-1996
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-019410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs

Query Match 0.2%; Score 14.4; DB 1; Length 29;
Best Local Similarity 69.2%; Pred. No. 2.8e+03;
Matches 18; Conservative 1; Mismatches 7; Indels 0; Gaps 0;


```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-08-882-649A-7

Query Match          0.2%; Score 14.2; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4470 TTTTCTTTTCTTTG 4484
      |||||
      15 TTTTCTTTTCTTTG 1

RESULT 1348
US-08-882-649A-8
; Sequence 8, Application US/08882649A
; Patent No. 6344316
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
;   Chee, Mark
;   Gunderson, Kevin
;   Chaoqiang, Lai
;   Modicka, Lisa
;   Cronin, Maureen T.
;   Lee, Danny
;   Tran, Huu M.
;   Matsuzaki, Hajime
;   Mcgall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,649A
; FILING DATE: 25-Jun-1997
; CLASSIFICATION: 435-006.000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/010,471
; FILING DATE: 23-JAN-1996
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
```

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;
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-08-882-649A-8

Query Match          0.2%; Score 14.2; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTT 4477
      :|||
      2 VTTTCTTTTCTTTT 16

RESULT 1349
US-08-701-380-5/C
; Sequence 5, Application US/08701380
; Patent No. 5686598
; GENERAL INFORMATION:
; APPLICANT: NISHINA, Michael
; APPLICANT: NISHINA, Patsy
; APPLICANT: NAGSERT, Uerjen
; TITLE OF INVENTION: GENES ASSOCIATED WITH RETINAL
; TITLE OF INVENTION: DYSTROPHIES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Teet, Albritton & Herbert
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/701,380
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SHERWOOD, Pamela J.
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: A-63565/PJS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-494-8700
; TELEFAX: 415-494-8771
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primers"
US-08-701-380-5

Query Match          0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 264 GCAGCAGGTGTTCCAGCA 282
      |||||
      19 GCAGCAGGATTCACAGCA 1

RESULT 1350
US-08-851-135-1
; Sequence 1, Application US/08851135
; Patent No. 5858673
; GENERAL INFORMATION:
; APPLICANT: Price, Douglas K.
```

```

; APPLICANT: Teigland, Chris M.
; TITLE OF INVENTION: METHOD FOR DETECTING PROSTATE CELLS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ernest B. Lipscomb (Bell Seitzer IP Group of
; ADDRESSEE: Alston & Bird)
; STREET: Post Office Drawer 34009
; CITY: Charlotte
; STATE: NC
; COUNTRY: US
; ZIP: 28234-4009
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,135
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lipscomb III, Ernest B.
; REGISTRATION NUMBER: 24,733
; REFERENCE/DOCKET NUMBER: 8151-21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 704 331 6000
; TELEFAX: 702 334 2014
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: (desc = "Synthetic oligonucleotide
; DESCRIPTION: (Primer PSA5')")
; US-08-851-135-1

Query Match      0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      859 GATGCTCAGCCAGCTGCT 877
DB      1 GATGACTCAGCCAGCACT 19

RESULT 1351
US-08-996-306-46
; Sequence 46, Application US/08996306
; Patent No. 5945522
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bouguenelret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 501 West Broadway
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-3505
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,306
; FILING DATE:

```

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; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Israelsen, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: GENSET.018A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: 99-221-PV upstream primer
; LOCATION: 1..19
; US-08-996-306-46

Query Match      0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4579 CCTTTTCTGACTGCTC 4597
DB      1 CCTTTTCTGACTGCTC 19

RESULT 1352
US-08-832-078-3
; Sequence 3, Application US/08832078
; Patent No. 6040497
; GENERAL INFORMATION:
; APPLICANT: SPENCER, MICHAEL
; APPLICANT: MUMF, RITA
; APPLICANT: GWYN, JEFF
; TITLE OF INVENTION: GLYPHOSATE RESISTANCE MAIZE LINES
; FILE REFERENCE: DEKM:132
; CURRENT APPLICATION NUMBER: US/08/832,078
; CURRENT FILING DATE: 1997-04-03
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-08-832-078-3

Query Match      0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5582 TTGGCTCATGTGATTTG 5600
DB      1 TTGGCTCTTGGGATGTG 19

RESULT 1353
US-09-032-365A-39/c
; Sequence 39, Application US/09032365A
; Patent No. 6114502
; GENERAL INFORMATION:
; APPLICANT: No. 6114502th, Michael
; APPLICANT: Nishina, Patsy
; APPLICANT: Negart, Patergen
; APPLICANT: No. 6114502en-Trauth, Konrad
; TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH

```

```

; TITLE OF INVENTION: NEUROSENSORY DEFECTS
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Avenue, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PasteSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/032,365A
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-2C1P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-032-365A-39

Query Match      0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      264 GCAGCAGATGTTCCAGCA 282
Db      19 GCAGCAGATGCCAGCA 1

RESULT 1354
US-09-338-907-46
; Sequence 46, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSEP.18CP1P
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

```

; NAME/KEY: misc feature
; LOCATION: 1..13
; OTHER INFORMATION: upstream amplification primer 99-221-PU
US-09-338-907-46

Query Match      0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4579 CCTTTTCCTGACTGTTTC 4597
Db      1 CCTTTTCCTGACTGTTTC 19

RESULT 1355
US-09-338-907-380
; Sequence 380, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSEP.18CP1P
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 380
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..13
; OTHER INFORMATION: upstream amplification primer for SEQ 260, SEQ 337
US-09-338-907-380

Query Match      0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4579 CCTTTTCCTGACTGTTTC 4597
Db      1 CCTTTTCCTGACTGTTTC 19

RESULT 1356
US-09-218-207-46
; Sequence 46, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSEP.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
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; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-221-PU
US-09-218-207-46
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Query Match          0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4579 CCTTTTCTTGACTGTTTC 4597
           ||||| ||||| |||||
Db       1 CCCTTTTCTTGACTGTTTC 19
```

```
RESULT 1357
US-09-218-207-380
; Sequence 380, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bouguetelerc, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; EARLIER FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 380
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer for SEQ 260, SEQ 337
US-09-218-207-380
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4579 CCTTTTCTTGACTGTTTC 4597
           ||||| ||||| |||||
Db       1 CCCTTTTCTTGACTGTTTC 19
```

```
RESULT 1358
US-09-531-000-21/c
; Sequence 21, Application US/09531000
; Patent No. 6461810
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, Marion D.
; APPLICANT: FRESCO, Jacques R.
; TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
; FILE REFERENCE: 2448-103
; CURRENT APPLICATION NUMBER: US/09/531,000
; EARLIER FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: PCT/US98/23765
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/064,997
; PRIOR FILING DATE: 1997-11-10
; NUMBER OF SEQ ID NOS: 77
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-21
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5322 CCTTTCTCTTGCTGCTC 5340
           ||||| ||||| |||||
Db       19 CTTTCTCATTGCTTC 1
```

```
RESULT 1359
US-09-422-978-4116/c
; Sequence 4116, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4116
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-13394 for SEQ 182,
US-09-422-978-4116
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      7393 CCTTGAAGCAAGCAACA 7411
           ||||| ||||| |||||
Db       19 CTTCTAAGCAATCTACA 1
```

```
RESULT 1360
US-09-422-978-6486/c
; Sequence 6486, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
```

EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6486
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-11786 for SEQ 2552,
US-09-422-978-6486

Query Match 0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 6099 GCCTGCTTCTGAGATT 6117
DB 19 GCGTGGCTTATCTGAGACT 1

RESULT 1361
US-09-422-978-7856
Sequence 7856, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7856
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-221 for SEQ 3922,
US-09-422-978-7856

Query Match 0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4579 CCTTTTCTGACTGCTTC 4597
DB 1 CCTTTTCTGACTGCTTC 19

RESULT 1362
US-09-422-978-11738/C
Sequence 11738, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11738
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-4157 for SEQ 3873, in complen
US-09-422-978-11738

Query Match 0.2%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4393 CTATTGCTTCTGTTACAA 4411
DB 19 CTACTACTCTGTTCCAA 1

RESULT 1363
US-08-108-591B-4
Sequence 4, Application US/08108591B
Patent No. 6395474
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egnolm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: ISI50540
CURRENT APPLICATION NUMBER: US/08/108,591B
CURRENT FILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. 6395474e1 Sequence
US-08-108-591B-4

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4021 AAAAAGAGAAACAAA 4039
DB 1 AAAAAGAAAAA 19

RESULT 1364
US-07-952-442-21/C
Sequence 21, Application US/07952442
Patent No. 5374525
GENERAL INFORMATION:
APPLICANT: Lalouel, Jean-Marc
APPLICANT: Jeunemaitre, Xavier
APPLICANT: Lifton, Richard P.
APPLICANT: Soubrier, Florent
APPLICANT: Kotelevtsev, Youri
APPLICANT: Corval, Pierre
TITLE OF INVENTION: Angiotensinogen Gene Variants and
NUMBER OF INVENTION: Predisposition to Essential Hypertension
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti

STREET: 1201 New York Avenue N.W., Suite 1000
CITY: Washington
STATE: DC
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/952,442
FILING DATE: 19920930
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 19780-104502
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEX: 202-962-8300
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-07-952-442-21

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4672 GCTTGATCTATCTGATC 4690
DB 19 GCTGAGATCTATCTGACC 1

RESULT 1365
US-08-138-608-53
Sequence 53, Application US/08138608
Patent No. 5407795
GENERAL INFORMATION:
APPLICANT: Kolberg, Janice A.
APPLICANT: Shen, Lu-Ping
APPLICANT: Urdia, Michael S.
TITLE OF INVENTION: CMV PROBES FOR USE IN SOLUTION
TITLE OF INVENTION: PHASE SANDWICH HYBRIDIZATION ASSAYS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/138,608
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/813,590
FILING DATE: 23-DEC-1991
ATTORNEY/AGENT INFORMATION:

NAME: Thomas E. Clouti
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20236.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-138-608-53

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 TTCTTGGGGAATGGGCTG 3627
DB 2 TTCTTGGAGAAAGTGCTG 20

RESULT 1366
US-07-984-044A-8
Sequence 8, Application US/07984044A
Patent No. 5461145
GENERAL INFORMATION:
APPLICANT: Kudo, T. et al.
TITLE OF INVENTION: Sexing Method Of Bovine Embryos
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/984,044A
FILING DATE: 02-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mierock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7005-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-984-044A-8

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1482 GGCATTGCCACCCCAAT 1500
DB 2 GGACATTGCCACCAACATT 20

RESULT 1367
US-08-142-845-12/c
; Sequence 12, Application US/08142845
; Patent No. 5496699
; GENERAL INFORMATION:
; APPLICANT: Sorenson, George D.
; TITLE OF INVENTION: Detection of
; TITLE OF INVENTION: Gene Sequences
; TITLE OF INVENTION: In Biological
; TITLE OF INVENTION: Fluids
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lahive & Cockfield
; STREET: 60 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,845
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/874,845
; FILING DATE: 27-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William C. Geary III
; REGISTRATION NUMBER: 31,357
; REFERENCE/DOCKET NUMBER: DCI-037
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-142-845-12
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2880 GGTGGGCTAGGAGAGTG 2898
Db 20 GGTGGGCTAGGAGAGTG 2

RESULT 1368
US-08-142-845-16
; Sequence 16, Application US/08142845
; Patent No. 5496699
; GENERAL INFORMATION:
; APPLICANT: Sorenson, George D.
; TITLE OF INVENTION: Detection of
; TITLE OF INVENTION: Gene Sequences
; TITLE OF INVENTION: In Biological
; TITLE OF INVENTION: Fluids
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lahive & Cockfield
; STREET: 60 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,845
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/874,845
; FILING DATE: 27-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William C. Geary III
; REGISTRATION NUMBER: 31,357
; REFERENCE/DOCKET NUMBER: DCI-037
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-142-845-16
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2880 GGTGGGCTAGGAGAGTG 2898
Db 1 GGTGGGCTAGGAGAGTG 19

RESULT 1369
US-08-117-329-4
; Sequence 4, Application US/08117329
; Patent No. 5552274
; GENERAL INFORMATION:
; APPLICANT: OYAMA, No. 5552274oru
; APPLICANT: YAMAGUCHI, Shuichiro
; APPLICANT: SHIMOMURA, Takeshi
; APPLICANT: MIKI, Keizaburo
; TITLE OF INVENTION: METHOD FOR DETERMINATION OF DNA AND
; TITLE OF INVENTION: SENSOR THEREFOR
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: George Mason Bldg., Washington & Prince Sts.
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,329
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-238607
; FILING DATE: 07-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 5-29497
; FILING DATE: 19-FEB-1993
; ATTORNEY/AGENT INFORMATION:

NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 011350-190
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-6620
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
US-08-117-329-4

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1558 TGGGCGATCGCGCTTGC 1576
DB 1 TGGACCATCGCATGTTGC 19

RESULT 1370
US-08-250-856A-28/C
Sequence 28, Application US/08250856A
Patent No. 5563255
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,856A
FILING DATE: May 31, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0094
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-250-856A-28

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3004 CCCCTCACCCCATCTGTGC 3022

DB 19 CACCTCAGCCCATCTTGAC 1

RESULT 1371
US-08-179-738-22/C
Sequence 22, Application US/08179738
Patent No. 5578462
GENERAL INFORMATION:
APPLICANT: Seizinger, Bernd R.
APPLICANT: Kley, Nikolai A.
APPLICANT: Bianchi, Albert B.
TITLE OF INVENTION: No. 5578462e1 NF2 Isoforms
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Reed & Robins
STREET: 635 Bryant Street
CITY: Palo Alto
STATE: California
COUNTRY: U.S.A
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/179,738
FILING DATE: 10-JAN-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Robins, Roberta L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5998-0017
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: cDNA
US-08-179-738-22

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 266 AGCAGGTGTCGAGCACC 284
DB 20 AGCAGGTGACCGACACC 2

RESULT 1372
US-08-222-177A-240
Sequence 240, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
(dG-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Demilt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865,601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 240:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: m665p2
US-08-222-177A-240

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5323 CTTTCTCTCTTGCTCA 5341
|||||
1 CTTACTCTCTTGCTCA 19

Db

RESULT 1373
US-08-269-766-21/c
Sequence 21, Application US/08269766
Patent No. 5589584
GENERAL INFORMATION:
APPLICANT: Lalouel, Jean-Marc
APPLICANT: Jeunemaitre, Xavier
APPLICANT: Lifton, Richard P.
APPLICANT: Soubrier, Florent
APPLICANT: Krolewsky, Yvonne
APPLICANT: Corval, Pierre
TITLE OF INVENTION: Angiotensinogen Gene Variants and
TITLE OF INVENTION: Predisposition to Essential Hypertension
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue N.W., Suite 1000
CITY: Washington
STATE: DC
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/269,766
FILING DATE: 01-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952,442
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 19780-104502
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEX: 202-962-8300
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-269-766-21

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4672 GCTGATCTATCTGATC 4690
|||||
19 GCTGATCTATCTGACC 1

Db

RESULT 1374
US-08-479-487-76
Sequence 76, Application US/08479487
Patent No. 5618674
GENERAL INFORMATION:
APPLICANT: Sanchez-Pescador, Ray
APPLICANT: Besemer, Diana J.
APPLICANT: Urdea, Michael S.
TITLE OF INVENTION: CHLAMYDIAE PROBES FOR USE IN
TITLE OF INVENTION: SOLUTION PHASE SANDWICH HYBRIDIZATION ASSAYS
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,487
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/813,587
FILING DATE: 23-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A.
REGISTRATION NUMBER: P35,136
REFERENCE/DOCKET NUMBER: 22300-20235.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-479-487-76

Query Match 0.2%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 TTCTTGGGAGATGGGCTG 3627
DB 2 TTCTTGGAGAAAGTGCTG 20

RESULT 1375
US-07-951-715A-57/C
; Sequence 57, Application US/07951715A
; Patent No. 5625136
; GENERAL INFORMATION:
; APPLICANT: Kozziel, Michael G.
; APPLICANT: Desai, Nalini M.
; APPLICANT: Lewis, Kelly S.
; APPLICANT: Kramer, Vance C.
; APPLICANT: Warren, Gregory W.
; APPLICANT: Evola, Stephen V.
; APPLICANT: Crossland, Lyle D.
; APPLICANT: Wright, Martha S.
; APPLICANT: Merlin, Ellis J.
; APPLICANT: Launis, Karen L.
; APPLICANT: Rotheisen, Steven J.
; APPLICANT: Bowman, Cindy G.
; APPLICANT: Dawson, John L.
; APPLICANT: Dunder, Erik M.
; APPLICANT: Pace, Gary M.
; APPLICANT: Suttie, Janet L.
; TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
; TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/951,715A
; FILING DATE: 25-SEP-1992
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/772,027
; FILING DATE: 04-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: S-18805/A/CGC 1577/CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8615
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer MK25A28"
; HYPOTHETICAL: NO
; US-07-951-715A-57

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5867 GCAGGCTCAGCTTAGCTC 5885
DB 19 GCAGGCTCAGGCTCAGCTC 1

RESULT 1376
US-08-412-431-4
; Sequence 4, Application US/08412431
; Patent No. 5633161
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: DIAGNOSIS, PREVENTION AND TREATMENT OF TUMOR
; TITLE OF INVENTION: PROGRESSION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/412,431
; FILING DATE: 29-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Faase, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07334/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TRLX: 200154
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-412-431-4

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6161 GGGGATGCATTAAGGA 6179
DB 1 GGGGAGACATCAAGGA 19

RESULT 1377
US-08-429-181-61/C
; Sequence 61, Application US/08429181
; Patent No. 5635352
; GENERAL INFORMATION:
; APPLICANT: URDEA, MICHAEL S.
; APPLICANT: FULTZ, TIMOTHY
; APPLICANT: WARNER, BRIAN D.
; APPLICANT: COLLINS, MARK
; TITLE OF INVENTION: SOLUTION PHASE NUCLEIC ACID SANDWICH
; TITLE OF INVENTION: ASSAYS HAVING REDUCED BACKGROUND NOISE
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
; STREET: 4560 HORTON STREET
; CITY: EMERYVILLE

STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.308
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,181
FILING DATE: 26-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/164,388
FILING DATE: 08-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: GOLDMAN, KENNETH M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0300.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-429-181-61

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3609 TTCTTGGGGAATGGGCG 3627
Db 19 TTCTTGGGGAATGGGCG 1

RESULT 1378
US-08-088-658-31
Sequence 31, Application US/08088658
Patent No. 5641625
GENERAL INFORMATION:
APPLICANT: Ecker, David J.
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf H.
APPLICANT: M Ilegard, Niels E.
TITLE OF INVENTION: HIGH ORDER STRUCTURE AND BINDING OF PEPTIDE
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5641625r1s
STREET: One Liberty Place - 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/088,658
FILING DATE: 19930702
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/054,363

FILING DATE: 26-APRIL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Luccl, Joseph
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-1052
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-088-658-31

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4031 AAAACAAATGTTATTTT 4049
Db 2 AAAACAAATGTTATTTT 20

RESULT 1379
US-08-088-658-31/c
Sequence 31, Application US/08088658
Patent No. 5641625
GENERAL INFORMATION:
APPLICANT: Ecker, David J.
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf H.
APPLICANT: M Ilegard, Niels E.
TITLE OF INVENTION: HIGH ORDER STRUCTURE AND BINDING OF PEPTIDE
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5641625r1s
STREET: One Liberty Place - 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/088,658
FILING DATE: 19930702
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/054,363
FILING DATE: 26-APRIL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Luccl, Joseph
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-1052
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-088-658-31

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4031 AAAACAAAATGTTATTTT 4049
DB 19 AAAAAAAAAATTTTTTTT 1

RESULT 1380
US-08-458-393-8
; Sequence 8, Application US/08458393
; Patent No. 5661011
; GENERAL INFORMATION:
; APPLICANT: Kudo, T. et al.
; TITLE OF INVENTION: Sexing Method Of Bovine Embryos
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Penile & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,393
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/984,044
; FILING DATE: 02-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mierock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7005-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-458-393-8

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1482 GGGCATGCGCACCCCAT 1500
DB 2 GGACATTCGCAACACCAT 20

RESULT 1381
US-08-623-679-4
; Sequence 4, Application US/08623679
; Patent No. 5674739
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: DIAGNOSIS, PREVENTION AND TREATMENT OF TUMOR
; PROGRESSION
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/623,679
; FILING DATE: 29-MAR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/412,431
; FILING DATE: 29-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Faase, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07334/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-623-679-4

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6161 GGGGATGACATTAAGGAA 6179
DB 1 GGGGAGACATCAAGGAA 19

RESULT 1382
US-08-164-388-61/C
; Sequence 61, Application US/08164388
; Patent No. 5681697
; GENERAL INFORMATION:
; APPLICANT: URDEA, MICHAEL S.
; APPLICANT: FULTZ, TIMOTHY
; APPLICANT: WARNER, BRIAN D.
; APPLICANT: COLLINS, MARK
; TITLE OF INVENTION: SOLUTION PHASE NUCLEIC ACID SANDWICH
; TITLE OF INVENTION: ASSAYS HAVING REDUCED BACKGROUND NOISE
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
; ADDRESS: R440
; STREET: 4560 HORTON STREET
; CITY: EMERYVILLE
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/164,388
; FILING DATE: 08-DEC-1993
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:

NAME: GOLDMAN, KENNETH M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0300.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-164-388-61

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 TTCTTGGGAGTGGGTG 3627
DB 19 TTCTTGGAGAAAGTGTG 1

RESULT 1383
US-08-487-141B-18
Sequence 18, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-487-141B-18

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3866 TTCTCTTACTCTCCGCC 3884
DB 1 TTCTCTCCACCACCGGCC 19

RESULT 1384
US-08-487-141B-19
Sequence 19, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-487-141B-19

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3866 TTCTCTTACTCTCCGCC 3884
DB 2 TTCTCTCCACCACCGGCC 20

RESULT 1385
US-08-507-431-35/c
Sequence 35, Application US/08507431
Patent No. 5693518
GENERAL INFORMATION:
APPLICANT: Kotod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Christgau, Stephan
APPLICANT: Heldt-Hansen, Hans P.
APPLICANT: Dalboge, Henrik
APPLICANT: Andersen, Lene N.

```

; APPLICANT: Si, Joan O.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; TITLE OF INVENTION: ASPERGILLUS ACULEATUS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSER: No. 56935180 No. 56935181disk of No. 5693518th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/507,431
; FILING DATE: 15-FEB-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/002,800
; FILING DATE: 25-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Harrington, James J.
; REGISTRATION NUMBER: 38,711
; REFERENCE/DOCKET NUMBER: 3954.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-507-431-35

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 47 GCGGCGGCGGACGAGG 65
Db 19 GCGGCGGCGGCGGAGG 1

RESULT 1386
US-08-417-476-39
; Sequence 39, Application US/08417476
; Patent No. 5702891
; GENERAL INFORMATION:
; APPLICANT: Kolberg, Janice A.
; TITLE OF INVENTION: HAV PROBES FOR USE IN SOLUTION
; TITLE OF INVENTION: PHASE SANDWICH HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSER: CHIRON CORPORATION
; STREET: 4560 Horton Street, R-4
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; US-08-417-476-39
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/417,476
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/813,589
; FILING DATE: 23-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Kenneth M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0237.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-417-476-39

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 TTCTTTGGGAATGGGTG 3627
Db 2 TTCTTTGGGAATGGGTG 20

RESULT 1387
US-08-751-282-1
; Sequence 1, Application US/08751282
; Patent No. 5733753
; GENERAL INFORMATION:
; APPLICANT: Jorgensen, Steen T.
; TITLE OF INVENTION: DNA AMPLIFICATION
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSER: No. 57337530 No. 5733753disk of No. 5733753th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/751,282
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/432,164
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3918.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-751-282-1
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Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3109 AAGACTGCTGACAGC 3127
Db 2 AATTCATGTTGACAGC 20

RESULT 1388
US-08-751-282-1/c
Sequence 1, Application US/08751282
Patent No. 5733753
GENERAL INFORMATION:
APPLICANT: Jorgensen, Steen T.
TITLE OF INVENTION: DNA AMPLIFICATION
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 57337530 No. 5733753disk of No. 5733753th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/751,282
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/432,164
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Lambi19, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3918, 204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-751-282-1

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3788 CTTTCAACATGACAGTC 3806
Db 19 CTGTCAACATGACAGATTC 1

RESULT 1389
US-08-186-229-55
Sequence 55, Application US/08186229
Patent No. 5736316
GENERAL INFORMATION:
APPLICANT: Irvine, Bruce D.
APPLICANT: Kolberg, Janice A.
APPLICANT: Running, Joyce A.
APPLICANT: Urdas, Michael S.
TITLE OF INVENTION: HBV PROBES FOR USE IN SOLUTION
TITLE OF INVENTION: PHASE SANDWICH HYBRIDIZATION ASSAYS
NUMBER OF SEQUENCES: 55

CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/186,229
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/813,586
FILING DATE: 23-DEC-1991

ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Clotci
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20234.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-186-229-55

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3609 TTCCTGGGAGAGGGGTG 3627
Db 2 TTCCTGGAGAGAGGTG 20

RESULT 1390
US-08-319-545A-21/c
Sequence 21, Application US/08319545A
Patent No. 5763168
GENERAL INFORMATION:
APPLICANT: Lalouel, Jean-Marc
APPLICANT: Jeunemaitre, Xavier
APPLICANT: Lifton, Richard P.
APPLICANT: Soudrier, Florent
APPLICANT: Kotelevsky, Youri
APPLICANT: Corvol, Pierre
TITLE OF INVENTION: Method to Determine Predisposition
TITLE OF INVENTION: to Hypertension
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue N.W., Suite 1000
CITY: Washington
STATE: DC
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1/5.2 Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,545A
FILING DATE: 7-OCT-1994
CLASSIFICATION: 435

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/952,442
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-319-545A-21

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4672 GCTTGATCTATCCTGATC 4690
Db      19 GCTGAGATCTATCCTGACC 1

RESULT 1391
; US-08-531-556-35
; Sequence 35, Application US/08531556
; Patent No. 576682
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, Alexander I
; APPLICANT: Mualllem, Arleige
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Demilt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531.556
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2106
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

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US-08-531-556-35

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3782 TTGGCACTTCAACATGA 3800
Db      2 TTGGCACTTCACAGATGA 20

RESULT 1392
; US-08-472-416-35
; Sequence 35, Application US/08472416
; Patent No. 578390
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Demilt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Releasee #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472.416
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2106
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-472-416-35

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3782 TTGGCACTTCAACATGA 3800
Db      2 TTGGCACTTCACAGATGA 20

RESULT 1393
; US-08-512-681-22
; Sequence 22, Application US/08512681
; Patent No. 5795976
; GENERAL INFORMATION:
; APPLICANT: Oefner, Peter J.
; APPLICANT: Underhill, Peter A.
; TITLE OF INVENTION: Detection of DNA Heteroduplex Molecules
; TITLE OF INVENTION: by Denaturing High Performance Liquid Chromatography and
; TITLE OF INVENTION: Methods for Comparative Sequencing
; NUMBER OF SEQUENCES: 29

```


;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Dehlinger & Associates
;; STREET: 350 Cambridge Ave., Suite 250
;; CITY: Palo Alto
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94306
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/512,681
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Evans, Susan T.
;; REGISTRATION NUMBER: 38,443
;; REFERENCE/DOCKET NUMBER: 8600-0155
;; INFORMATION FOR SEQ ID NO: 22:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: DYS263 FORWARD PRIMER
US-08-512-681-22

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2429 CCCACCCATTGAGTTGA 2447
Db 1 CCCACCCATTGAGTTGA 19

RESULT 1394
US-08-227-108-21/c
; Sequence 21, Application US/08227108
; Patent No. 5807726
; GENERAL INFORMATION:
; APPLICANT: Blanchard, Claire
; APPLICANT: Benicourt, Claude
; APPLICANT: Junien, Jean-Louis
; TITLE OF INVENTION: Recombinant Dog Gastric Lipase
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/227,108
; FILING DATE: 03-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Panucci, Allan A.
; REGISTRATION NUMBER: 30,256
; REFERENCE/DOCKET NUMBER: 7620-033
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 863-8864/9741

;; TELEX: 66141 PENNIE
;; INFORMATION FOR SEQ ID NO: 21:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
US-08-227-108-21

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4429 TTTCACATAGGCGCATGTG 4447
Db 19 TTTCACATAGGCGCATGTG 1

RESULT 1395
US-08-465-485A-28
; Sequence 28, Application US/08465485A
; Patent No. 5831066
; GENERAL INFORMATION:
; APPLICANT: Reed, John
; TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 S. Jefferson Davis Hwy., Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,485A
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/124,256
; FILING DATE: 20-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/840,716
; FILING DATE: 21-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/288,692
; FILING DATE: 22-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Fortney, Andrew D.
; REGISTRATION NUMBER: 34,600
; REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (408) 436-2070
; TELEFAX: (408) 436-2075
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid;
; DESCRIPTION: Synthetic DNA
; ANTI-SENSE: YES
; FEATURE:
; NAME/KEY: Modified_base
; LOCATION: 18..19
; OTHER INFORMATION: Last two internucleoside linkages are

OTHER INFORMATION: phosphorothioates
US-08-465-485A-28
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 65 GCTGCGGCGCGCGCGCGC 83
DB 2 GCGCGCGCGCGCGCGCGC 20
RESULT 1396
US-08-628-422-13/C
Sequence 13, Application US/08628422
Patent No. 5837854
GENERAL INFORMATION:
APPLICANT: Mulder, Carel
TITLE OF INVENTION: OLIGONUCLEOTIDES WITH ANTI-EPSTEIN-BARR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,422
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Raese, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 04020/094001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-628-422-13
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4603 TTTCCTGCGCGCGCGCTTG 4621
DB 19 TTTCCTGCGCGCGCGCTG 1
RESULT 1397
US-08-470-124-55
Sequence 55, Application US/08470124
Patent No. 5849481
GENERAL INFORMATION:
APPLICANT: urdea, Michael S.
APPLICANT: Horn, Thomas
APPLICANT: Chang, Chu-An
APPLICANT: Warner, Brian
APPLICANT: Fultz, Timothy J.

TITLE OF INVENTION: LARGE COMB-TYPE BRANCHED
TITLE OF INVENTION: POLYNUCLEOTIDES
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,124
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/813,588
FILING DATE: 23 December 1991
ATTORNEY/AGENT INFORMATION:
NAME: Cioffi, Thomas E.
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20104.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-470-124-55
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3609 TTCTTGGGGAATGGGCTG 3627
DB 2 TTCTTGGGGAATGGCTG 20
RESULT 1398
US-08-459-448A-57/C
Sequence 57, Application US/08459448A
Patent No. 5859316
GENERAL INFORMATION:
APPLICANT: Koziel, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rothschein, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5859316artis Corporation

STREET: Patent & Trademark Dept., 520 White Plains
STREET: Rd., POB 2005
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591-9005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,448A
FILING DATE: 02-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Pace, Gary M.
REGISTRATION NUMBER: 40403
REFERENCE/DOCKET NUMBER: CGC 1577/CIP/DIV4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8582
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25a28"
HYPOTHETICAL: NO
US-08-459-448A-57

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5867 GCAGGTCAGGCTTAGCTC 5885
DB 19 GCAGGTCAGGTCAGCTC 1

RESULT 1399
US-08-808-550-16/C
Sequence 16, Application US/0808550
Patent No. 5871992
GENERAL INFORMATION:
APPLICANT: Teebor, George W.
APPLICANT: Hilbert, Timothy P.
TITLE OF INVENTION: MAMMALIAN ENDONUCLEASE III AND
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,550

FILING DATE: 26-FEB-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1049-1-001 N
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer P9"
HYPOTHETICAL: NO
US-08-808-550-16

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1701 AGACGGTCGAGGCTTAG 1719
DB 19 AGACTGGCTGGGCTTAG 1

RESULT 1400
US-08-628-145-22/C
Sequence 22, Application US/08628145
Patent No. 5872214
GENERAL INFORMATION:
APPLICANT: Seizinger, Bernd R.
APPLICANT: Kley, Nikolai A.
APPLICANT: Bianchi, Albert B.
TITLE OF INVENTION: No. 5872214el NF2 Isoforms
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Reed & Robins
STREET: 635 Bryant Street
CITY: Palo Alto
STATE: California
COUNTRY: U.S.A
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,145
FILING DATE: 04-APR-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/179,738
FILING DATE: 10-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Robins, Roberta L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5998-0017
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-628-145-22

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 266 AGCAGGTGTTCAGCACC 284
|||||
Db 20 AGCAGGTGACCCAGCACC 2

RESULT 1401
US-08-927-561-18
; Sequence 18; Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Rigaute, Kathleen D.
; REGISTRATION NUMBER: P43,047
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-927-561-18

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3866 TTCCTCTACTCCGCC 3884
|||||
Db 1 TTCCTCCACCCAGCACC 19

RESULT 1402
US-08-927-561-19
; Sequence 19; Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Rigaute, Kathleen D.
; REGISTRATION NUMBER: P43,047
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-927-561-19

NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaute, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHEICAL: NO
ANTI-SENSE: YES
US-08-927-561-19

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3866 TTCCTCTACTCCGCC 3884
|||||
Db 2 TTCCTCCACCCAGCACC 20

RESULT 1403
US-08-902-655A-35/c
; Sequence 35; Application US/08902655A
; Patent No. 5885819
; GENERAL INFORMATION:
; APPLICANT: Kotod, Lene V.
; APPLICANT: Kaupinen, Markus S.
; APPLICANT: Christgau, Stephan P.
; APPLICANT: Heidt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: St. Joan Q.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5885819 No. 5885819disk of No. 5885819th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,655A
FILING DATE: 30-July-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Agilis, Cheryl T.
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 3954,214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-902-655A-35

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 47 GCGGCGGCGGCGAGG 65
DB 19 GCGGCGGCGGCGAGG 1

RESULT 1404
US-07-923-871C-5/c
Sequence 5, Application US/07923871C
Patent No. 5912117
GENERAL INFORMATION:
APPLICANT: White Ph.D. Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: NJ
COUNTRY: USA
ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/923,871C
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
FILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
TELEX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-923-871C-5

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6627 GAAATATCTCAACTA 6645
DB 20 GAATATCTCAACTA 2

RESULT 1405
US-08-954-391-1
Sequence 1, Application US/08954391
Patent No. 5925544
GENERAL INFORMATION:
APPLICANT: Jorgensen, Steen T.
TITLE OF INVENTION: DNA AMPLIFICATION
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5925544 No. 5925544th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,391
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/751,282
FILING DATE:
APPLICATION NUMBER: US/08/432,164
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3918,204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-954-391-1

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATCTGACAGC 3127
DB 2 AATTCATCTTGACAGC 20

RESULT 1406
US-08-954-391-1/c
Sequence 1, Application US/08954391
Patent No. 5925544

```

; GENERAL INFORMATION:
; APPLICANT: Jorgensen, Steen T.
; TITLE OF INVENTION: DNA AMPLIFICATION
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: No. 59255440 No. 5925544disk of No. 59255444th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/954,391
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/751,282
; FILING DATE:
; APPLICATION NUMBER: US/08/432,164
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3918.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-954-391-1

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3788 CTTTCAACATGACAGTC 3806
DB      19 CTTGCAACATGAGAAATTC 1

RESULT 1407
US-09-116-780-8
; Sequence 8, Application US/09116780
; Patent No. 5945335
; GENERAL INFORMATION:
; APPLICANT: Colosi, Peter
; TITLE OF INVENTION: Adenovirus Helper-Free Systems for Producing
; FILE REFERENCE: 2555.2.2
; CURRENT APPLICATION NUMBER: US/09/116,780
; EARLIER FILING DATE: 1998-07-16
; EARLIER APPLICATION NUMBER: 08/745,957
; EARLIER FILING DATE: 1996-11-07
; EARLIER APPLICATION NUMBER: 60/006,402
; EARLIER FILING DATE: 1995-11-09
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-116-780-8
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Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      680 CTTGCAACCCCTGTGATGT 698
DB      1 CTTGGAAGCGCTGATGT 19

RESULT 1408
US-08-756-806A-28/c
; Sequence 28, Application US/08756806A
; Patent No. 5952229
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,806A
; FILING DATE: No. 5952229ember 26, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-756-806A-28

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3004 CCCCTACCCCATCTGTGTC 3022
DB      19 CACCTCAGCCCATCTTGAC 1

RESULT 1409
US-08-476-712-2
; Sequence 2, Application US/08476712
; Patent No. 5962426
; GENERAL INFORMATION:
; APPLICANT: Glazer, Peter, M.
; TITLE OF INVENTION: Triple-Helix Forming Oligonucleotides for
```

TITLE OF INVENTION: Targeted Mutagenesis
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Patrea L. Pabst
STREET: 2800 One Atlantic Center
STREET: 1201 West Peachtree Street
CITY: Atlanta
STATE: GA
COUNTRY: USA
ZIP: 30309-3450
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,712
FILING DATE: 7-JUNE-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Pabst, Patrea L.
REGISTRATION NUMBER: 31,284
REFERENCE/DOCKET NUMBER: YU114
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404)-873-8794
TELEFAX: (404)-873-8795
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-476-712-2

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3617 GGAATGGGGTGGGGTGGG 3635
DB 2 GGAGGGGGGGGTGTGGG 20

RESULT 1410
US-09-048-804-2/c
Sequence 2, Application US/09048804
Patent No. 5968748
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Allan Lipton, Lois M. Witeers
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5968748-is LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 Kb diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/048,804
FILING DATE: Herewith
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2913

TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-048-804-2

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5774 GCCGCGCTGCTGCTGCC 5792
DB 20 GCCGCGACGCTGCTGAC 2

RESULT 1411
US-08-665-202-127/c
Sequence 127, Application US/08665202
Patent No. 597322
GENERAL INFORMATION:
APPLICANT: Marks, James D.
TITLE OF INVENTION: No. 597322e1 High Affinity Human Antibodies to
NUMBER OF SEQUENCES: 141
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,202
FILING DATE: 13-JUN-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/000,238
FILING DATE: 14-JUN-1995
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER: US 60/000,250
FILING DATE: 15-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom
REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 02307E-061410
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-665-202-127

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


```

; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/088,658
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Luccl, Joseph
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: 1SIS-1052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-471-907A-31

Query Match      0.2%; Score 14.2; DB 1; Length 20,
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4031 AAACAAATGTTATTTT 4049
Db      19 AAAAAAAAAATTTTTTT 1

RESULT 1415
US-09-092-988-21/c
; Sequence 21. Application US/09092988
; Patent No. 5998145
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevsky, Youri
; APPLICANT: Corvol, Pierre
; TITLE OF INVENTION: Method to Determine Predispotion
; TITLE OF INVENTION: to Hypertension
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1/5.2 Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,988
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/319,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-09-092-988-21

Query Match      0.2%; Score 14.2; DB 1; Length 20,
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4672 GCTGATCTATCTGATC 4690
Db      19 GCTGATCTATCTGACC 1

RESULT 1416
US-09-073-674-21/c
; Sequence 21. Application US/09073674
; Patent No. 5998189
; GENERAL INFORMATION:
; APPLICANT: Blanchard, Claire
; APPLICANT: Benicourt, Claude
; APPLICANT: Junien, Jean-Louis
; TITLE OF INVENTION: Recombinant Dog Gastric Lipase
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Warner-Lambert Company
; STREET: 2800 Plymouth Road
; CITY: Ann Arbor
; STATE: Michigan
; COUNTRY: U.S.A.
; ZIP: 48105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,674
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Cislsey, Todd M.
; REGISTRATION NUMBER: 37,807
; REFERENCE/DOCKET NUMBER: 5072-D1-66-TWC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 734 622-7530
; TELEFAX: 734 622-1553
; TELEFAX: 734 622-1553
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-073-674-21

Query Match      0.2%; Score 14.2; DB 1; Length 20,
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4429 TTTCCTAGGCGATGTG 4447
Db      19 TTTCCTAGGCGATGTG 1

RESULT 1417
US-08-904-901-132/c
; Sequence 132. Application US/08904901
; Patent No. 5998383
```

```

; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
; TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 5998383thwestern Hwy. Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/904,901
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 0227.00004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; ANTI-SENSE: YES
; US-08-904-901-132

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6086 CTCCTTACCTGGGGGCTTG 6104
DB      20 CTAATTACTGTGAGCCTTG 2

RESULT 1418
US-08-914-961-6/C
; Sequence 6, Application US/08914961
; Patent No. 6018042
; GENERAL INFORMATION:
; APPLICANT: Mett, Helmut
; APPLICANT: Haner, Robert
; APPLICANT: Dean, Nicholas Mark
; TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Editor
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/914,961
; FILING DATE: 20-AUG-1997
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```

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/287,753
; FILING DATE: 09-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Spull, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 4-20047/P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8615
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; POSITION IN GENOME:
; MAP POSITION: 979
; UNITS: bp
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..20
; OTHER INFORMATION: /note="All nucleotides are of the
; OTHER INFORMATION: phosphorothioate type"
; US-08-914-961-6

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCA 7432
DB      19 AGAAGCAGCAACAACAGCA 1

RESULT 1419
US-08-459-595A-57/C
; Sequence 57, Application US/08459595A
; Patent No. 6018104
; GENERAL INFORMATION:
; APPLICANT: Kozziel, Michael G.
; APPLICANT: Desai, Nalini M.
; APPLICANT: Lewis, Kelly S.
; APPLICANT: Kramer, Vance C.
; APPLICANT: Warren, Gregory W.
; APPLICANT: Evola, Stephen V.
; APPLICANT: Crossland, Lyle D.
; APPLICANT: Wright, Martha S.
; APPLICANT: Merlin, Ellis J.
; APPLICANT: Launis, Karen L.
; APPLICANT: Rochstein, Steven J.
; APPLICANT: Bowman, Cindy G.
; APPLICANT: Dawson, John L.
; APPLICANT: Dunder, Erik M.
; APPLICANT: Pace, Gary M.
; APPLICANT: Suttie, Janet L.
; TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
; TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6018104artis Corporation
; STREET: Patent & Trademark Dept., 520 White Plains
; STREET: Rd., POB 2005
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-9005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; COMPUTER: IBM PC compatible
```

```
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,595A
FILING DATE: 02-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Pace, Gary M.
REGISTRATION NUMBER: 40403
REFERENCE/DOCKET NUMBER: CGC 1577/CIP/DIV3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8582
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25A28"
HYPOTHETICAL: NO
US-08-459-595A-57
```

```
Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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CY 5867 GCAGGTCAGGCTTAGCTC 5885
Db 19 GCACGCTCAGGCTCAGCTC 1
```

```
RESULT 1420
US-08-483-746A-13/C
Sequence 13, Application US/08483746A
Patent No. 6020124
GENERAL INFORMATION:
APPLICANT: George D. Sorenson
TITLE OF INVENTION: Detection of Gene Sequences in Biological Fluids
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,746A
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/142,845
FILING DATE: 25-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Jean M. Silveri
REGISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: DCI-037CNCIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 13:
```

```
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-483-746A-13
```

```
Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
CY 2880 GGTGGCTAGGAGGAGTG 2898
Db 20 GGTGGCTAGGAGGAGTG 2
```

```
RESULT 1421
US-08-483-746A-17
Sequence 17, Application US/08483746A
Patent No. 6020124
GENERAL INFORMATION:
APPLICANT: George D. Sorenson
TITLE OF INVENTION: Detection of Gene Sequences in Biological Fluids
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,746A
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/142,845
FILING DATE: 25-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Jean M. Silveri
REGISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: DCI-037CNCIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-483-746A-17
```

```
Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
CY 2880 GGTGGCTAGGAGGAGTG 2898
Db 1 GGTGGCTAGGAGGAGTG 19
```

```
RESULT 1422
US-08-933-774-4
Sequence 4, Application US/08933774A
Patent No. 6025137
GENERAL INFORMATION:
```

```

; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
; TITLE OF INVENTION: AND TREATMENT OF TUMOR PROGRESSION
; FILE REFERENCE: 0734/004003
; CURRENT APPLICATION NUMBER: US/08/933,774A
; CURRENT FILING DATE: 1997-09-19
; EARLIER APPLICATION NUMBER: US 08/623,679
; EARLIER FILING DATE: 1996-03-29
; EARLIER APPLICATION NUMBER: US 08/412,431
; EARLIER FILING DATE: 1995-03-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-08-933-774-4

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      6161 GGGGATGACATTAAGGAA 6179
Db      1 GGGGAAGCATTCAAGGAA 19

RESULT 1423
US-09-080-285-28
; Sequence 28, Application US/09080285
; Patent No. 6040181
; GENERAL INFORMATION:
; APPLICANT: Reed, John
; TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSER: P.C.
; STREET: 1755 S. Jefferson Davis Hwy., Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,285
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/465,485
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/124,256
; FILING DATE: 20-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/840,716
; FILING DATE: 21-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/288,692
; FILING DATE: 22-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Fortney, Andrew D.
; REGISTRATION NUMBER: 34,600
; REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (408) 436-2070
; TELEFAX: (408) 436-2075
```

```

; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid;
; DESCRIPTION: Synthetic DNA
; ANTI-SENSE: YES
; FEATURE:
; NAME/KEY: Modified_base
; LOCATION: 18..19
; OTHER INFORMATION: Last two internucleoside linkages are
; OTHER INFORMATION: phosphorothioates
US-09-080-285-28

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      65 GCTGGGGGGGGGGGGGGG 83
Db      2 GCGGCGGCGGCGGCGGCGC 20

RESULT 1424
US-09-289-267-96
; Sequence 96, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-96

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5700 TTGCTTTCCTTTCTCTCTT 5718
Db      2 TTTCCTTCATTTCCTTTT 20

RESULT 1425
US-08-417-089-10/C
; Sequence 10, Application US/08417089
; Patent No. 6063298
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS AND AN ACETYL COA CARBOXYLASE GENE
; TITLE OF INVENTION: FOR CONFERING HERBICIDE TOLERANCE AND AN ALTERATION IN
; TITLE OF INVENTION: OIL CONTENT OF PLANTS
; NUMBER OF SEQUENCES: 11
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/417,089
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-417-089-10

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 328 CTGGCATTACTTGGAGG 346
Db 19 CTGACCAATTACGTGAGG 1

RESULT 1426
US-08-441-971-147
Sequence 147, Application US/08441971
Patent No. 6071593
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE: US/07/881,528
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiak, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-441-971-147

Query Match 0.2%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.8e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3609 TTCTTTGGGAGATGGGTTG 3627
Db 2 TTCTTTGGAGAAAGTGGT 20

RESULT 1427
US-08-459-504B-57/C
Sequence 57, Application US/08459504B
Patent No. 6075185

GENERAL INFORMATION:
APPLICANT: Koziel, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rothstein, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunger, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttle, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6075185artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,504B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/459,595
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: CGC1577/CIP/DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8887
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25A28"
HYPOTHEICAL: NO
US-08-459-504B-57

Query Match 0.2%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.8e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5867 GCAGGCTCAGGCTTAGCTC 5885
||| ||||| |||||

Db 19 GCACGGTCAGGTCAGCTC 1

RESULT 1428
US-09-116-622-35/c
; Sequence 35, Application US/09116622
; Patent No. 6080567
; GENERAL INFORMATION:
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heidt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan O.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; TITLE OF INVENTION: ASPERGILLUS ACULEATUS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 60805670 No. 6080567disk of No. 6080567th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/116,622
; FILING DATE: 16-July-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Agria, Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954.224-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-116-622-35

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 47 GCGCGCGCGCACGCGAGG 65
Db 19 GCGCGCGCGCGCACGCGAGG 1

RESULT 1429
US-09-166-186-68
; Sequence 68, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
; FILE REFERENCE: ISPH-0322

; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
; US-09-166-186-68

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5314 TGTCTCTCTCTTCTCTC 5332
Db 1 TCTTCTCTCTATCTCC 19

RESULT 1430
US-09-166-186-130
; Sequence 130, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
; US-09-166-186-130

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 195 CTCGCGACGGGTATATGGG 213
Db 1 CTCCTCCAGGTATATGGG 19

RESULT 1431
US-09-143-214-28/c
; Sequence 28, Application US/09143214
; Patent No. 6090626
; GENERAL INFORMATION:
; APPLICANT: Montia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; OF raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/143,214
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: No. 6090626ember 26, 1996
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-143-214-28

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3004 CCCTCAGCCCATCTTGC 3022
Db 19 CACCTCAGCCCATCTTGC 1

RESULT 1432
US-09-000-136-14/c
Sequence 14, Application US/09000136
Patent No. 6096720
GENERAL INFORMATION:
APPLICANT: Love, William G
APPLICANT: Sharman, Thomas
APPLICANT: Phillips, Judith A
APPLICANT: Nicklin, Paul L
APPLICANT: Hamilton, Karen O
TITLE OF INVENTION: Liposomal Oligonucleotide Compositions
FILE REFERENCE: 4-20536/A/MA 2112
CURRENT APPLICATION NUMBER: US/09/000,136
CURRENT FILING DATE: 1998-04-23
EARLIER APPLICATION NUMBER: GB 9515743.4
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-000-136-14

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3004 CCCTCAGCCCATCTTGC 3022
Db 19 CACCTCAGCCCATCTTGC 1

RESULT 1433
US-08-545-809A-72/c

Sequence 72, Application US/08545809A
Patent No. 6096878
GENERAL INFORMATION:
APPLICANT: Honjo, Taku
APPLICANT: Matsumoto, Fuminiko
TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
NUMBER OF SEQUENCES: 145
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/545,809A
FILING DATE: 27-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP93/00603
FILING DATE: 10-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Freeman, John W.
REGISTRATION NUMBER: 29,066
REFERENCE/DOCKET NUMBER: 06501/004001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-545-809A-72

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 157 CCCTCAGCTGACTTGC 175
Db 19 CCCTCAGCTGACTTGC 1

RESULT 1434
US-09-344-914-72/c
Sequence 72, Application US/09344914
Patent No. 6110664
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-72

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGA 4029
| | | | | | | | | |
Db 19 TAAATGAAATTAAGAAA 1

RESULT 1435
US-09-344-914-73/C
; Sequence 73, Application US/09344914
; Patent No. 6110664
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
; FILE REFERENCE: RTS-0068
; CURRENT APPLICATION NUMBER: US/09/344,914
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-73

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGA 4029
| | | | | | | | | |
Db 20 TAAATGAAATTAAGAAA 2

RESULT 1436
US-09-249-730-132/C
; Sequence 132, Application US/09249730
; Patent No. 6121000
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Alding H.
; TITLE OF INVENTION: Anticumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-132

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6086 CTCCTTACTGCGGCGCTTG 6104
| | | | | | | | | |
Db 20 CTATTACTGCGAGCCTTG 2

RESULT 1437
US-08-459-444-57/C
; Sequence 57, Application US/08459444A
; Patent No. 6121014
; GENERAL INFORMATION:
; APPLICANT: KOZIEL, Michael G.
; Desai, Nalini M.
; Lewis, Kelly S.
; Kramer, Vance C.

Warren, Gregory W.
Evola, Stephen V.
Crossland, Lyle D.
Wright, Martha S.
Merlin, Ellis J.
Launis, Karen L.

TITLE OF INVENTION: METHOD FOR PRODUCING A PLANT-OPTIMIZED
NUCLEIC ACID CODING SEQUENCE

NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 6121014artis Agribusiness Biotechnology Research, Inc.
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA: US/08/459,444A
APPLICATION NUMBER: US/08/459,444A
FILING DATE: 02-Jun-1995
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:
NAME: Melgs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805/PL/CG1577/CIP/DIV6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8587
TELEFAX: (919) 541-8689

INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other: nucleic acid
DESCRIPTION: /desc = "primer MK25A28"

HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-08-459-444-57

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5867 GCAGGGTCAGGCTTACTC 5885
| | | | | | | | | |
Db 19 GCAGGGTCAGGCTCAGCTC 1

RESULT 1438
US-09-418-641-12
; Sequence 12, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA


```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-12
Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      110 GAGCCCGGCGCGGATCCC 128
      1 GAGCTCGGCGCGGATCCC 19

RESULT 1439
US-09-091-899-8
; Sequence 8, Application US/09091899
; Patent No. 6143880
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: The pig myogenin gene and method to identify
; TITLE OF INVENTION: polymorphisms related to muscle growth.
; NUMBER OF SEQUENCES: 10
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/091.899
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEICAL: NO
US-09-091-899-8
Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3084 GTGTCTCATGTACTACA 3102
      1 GAGTCTCATGTACTACA 19

RESULT 1440
US-08-695-651-10/C
; Sequence 10, Application US/08695651
; Patent No. 6146867
; GENERAL INFORMATION:
; APPLICANT: Gengenbach, B. G.
; APPLICANT: Somers, D. A.
; APPLICANT: Wyse, D. L.
; APPLICANT: Gromwald, J. W.
; APPLICANT: Egli, M. A.
; APPLICANT: Lutz, S. M.
; TITLE OF INVENTION: METHOD FOR PRODUCING PLANT ACETYL COA
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluch, P.A.
; STREET: P.O. Box 2938
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; APPLICATION NUMBER:
; FILING DATE:
; COMPUTER: IBM Compatible
```

```

; OPERATING SYSTEM: DOS
; SOFTWARE: PastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/695.651
; FILING DATE: 12-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/417089
; FILING DATE: 05-APR-1995
; APPLICATION NUMBER: 08/014326
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 07/917462
; FILING DATE: 21-JUL-1992
; APPLICATION NUMBER: 07/536674
; FILING DATE: 18-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Woessner, Warren D
; REGISTRATION NUMBER: 30,440
; REFERENCE/DOCKET NUMBER: 600.318US3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-373-6900
; TELEFAX: 612-339-3061
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-695-651-10
Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      328 CTGGCAATTACTTGAGG 346
      19 CTGACCAATTACGTAGAG 1

RESULT 1441
US-08-765-340-35/C
; Sequence 35, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.
; APPLICANT: UCHIDA, T.
; APPLICANT: TANAKA, Y.
; APPLICANT: MATSUDA, Y.
; APPLICANT: KONDO, S.
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765.340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-35

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      424 GAAGTGTGAATACATGG 442
DB      20 GAAGTGTGAATCATGG 2

RESULT 1442
US-08-765-340-90
; Sequence 90, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & PINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 90:
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-90

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3869 CTCCTACTCCGCGCCGC 3887
DB      2 CTCCTCTCCTCGCCGCGC 20

RESULT 1443
US-09-135-021-27/C
; Sequence 27, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Splawski, Igor
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: A HOMODYOUS MUTATION IN KVLQ1 WHICH CAUSES JERVELL
; TITLE OF INVENTION: AND LANGR-NIELSEN SYNDROME
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-021-27

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7013 TCTTCTTACAGAGAAA 7031
DB      19 TCTTCTTACTGAGAGAA 1

RESULT 1444
US-09-106-216-21/C
; Sequence 21, Application US/09106216
; Patent No. 6153386
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lofton, Richard P.
; APPLICANT: Soudrier, Florent
; APPLICANT: Kotelevtsev, Yuri
; APPLICANT: Corvol, Pierre
; TITLE OF INVENTION: Method to Determine Predisposition to
; TITLE OF INVENTION: Hypertension
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz
; STREET: 555 Thirteenth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,216
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/
FILING DATE: 08-JUN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/319,545
FILING DATE: 07-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952,545
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 2223-124
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6031
TELEFAX: 202-783-6040
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-106-216-21

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4672 GCTGATCTATCTCGATC 4690
Db 19 GCTGAGATCTATCTCGACC 1

RESULT 1445
US-09-429-034-21/C
Sequence 21, Application US/09429034
Patent No. 6165727
GENERAL INFORMATION:
APPLICANT: Lalouel, Jean-Marc
APPLICANT: Jeunemaitre, Xavier
APPLICANT: Lifton, Richard P.
APPLICANT: Soubrier, Florent
APPLICANT: Kotelevtsev, Youri
TITLE OF INVENTION: Method to Determine Predisposition
TITLE OF INVENTION: to Hyperextension
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue N.W., Suite 1000
CITY: Washington
STATE: DC
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1/5.2 Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/429,034
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/319,545

FILING DATE: 7-OCT-1994
APPLICATION NUMBER: US 07/952,442
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 19780-104502-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEX: 202-962-8300
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-429-034-21

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4672 GCTGATCTATCTCGATC 4690
Db 19 GCTGAGATCTATCTCGACC 1

RESULT 1446
US-09-433-699-64/C
Sequence 64, Application US/09433699B
Patent No. 6165786
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowest
TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
FILE REFERENCE: RTS-0109
CURRENT APPLICATION NUMBER: US/09/433,699B
CURRENT FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-64

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6209 TTGGAATTAAGTGGGA 6227
Db 19 TTGAGAGAAAGCAGGAA 1

RESULT 1447
US-09-428-219-15
Sequence 15, Application US/09428219
Patent No. 6177273
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowest
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
FILE REFERENCE: RTS-0101
CURRENT APPLICATION NUMBER: US/09/428,219
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89

SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-219-15

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4918 AGCATCAGACTGTGAGT 4936
DB 1 AGCCTAGAGACTGTGAGT 19

RESULT 1448
US-09-490-692-167/c
Sequence 167, Application US/09490692
Patent No. 6180353
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 167
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-167

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6999 GGAAGGAGAGATTTCTTC 7017
DB 20 GGAAGGAGATTTCTTCC 2

RESULT 1449
US-09-488-671-98
Sequence 98, Application US/09488671A
Patent No. 6187545
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
FILE REFERENCE: RTS-0123
CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 98
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-98

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5799 CCTGCTGCTGTCTGCT 5817

DB 2 CCTGCTACTTCTTCTCT 20

RESULT 1450
US-09-517-584A-63/c
Sequence 63, Application US/09517584A
Patent No. 6187587
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-63

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 672 CTTGAGTCTGTGCAAGCC 690
DB 19 CTGAGAGCTGAGCAAGCC 1

RESULT 1451
US-08-766-528-68/c
Sequence 68, Application US/08766528
Patent No. 6190861
GENERAL INFORMATION:
APPLICANT: Jay A. Fishman
TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESSES:
ADDRESSER: LAHYTE & COCKFIELD, LLP
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,528
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/572,645
FILING DATE: 14-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Louis Myers
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: MGP-038CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-766-528-68

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1864 GTCAGACCTCACTCAGCA 1882
Db 19 GTCAGACCTCTCTCCATCA 1

RESULT 1452
US-08-221-653-147
Sequence 147; Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221.653
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881.528
FILING DATE:
APPLICATION NUMBER: 07/697.326
FILING DATE: 8 MAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janluk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-221-653-147

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3609 TTCTTTGGGAATGGGGTG 3627
Db 2 TTCTTTGGAGAAAGTGGTG 20

RESULT 1453
US-09-219-277-35/C
Sequence 35; Application US/09219277
Patent No. 6197564

GENERAL INFORMATION:
APPLICANT: Kofod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Christgau, Stephan
APPLICANT: Heldt-Hansen, Hans P.
APPLICANT: Dalboeg, Henrik
APPLICANT: Andersen, Lene N.
APPLICANT: St, Joan O.
APPLICANT: Jacobson, Tina
APPLICANT: Munk, Niels
APPLICANT: Mullertz, Anette
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 61975640 No. 6197564disk of No. 6197564th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/219.277
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/116.622
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Agtis, Cheryl H.
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 3954.224-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-219-277-35

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 47 GCGGCGGGCGCAACGAGG 65
Db 19 GCGGCGGGCGCGAGG 1

RESULT 1454
US-09-253-025-6
Sequence 6; Application US/09253025
Patent No. 620758
GENERAL INFORMATION:
APPLICANT: Richardson Ph.D., Mary Ann
APPLICANT: Goldman, Assistant Counsel, Robin A.
APPLICANT: New York State Office of Mental Health
APPLICANT: Nathan S. Kline Institute for Psychiatric Research
TITLE OF INVENTION: PAM
FILE REFERENCE: Kline Inst.
CURRENT APPLICATION NUMBER: US/09/253.025
CURRENT FILING DATE: 1999-02-19
NUMBER OF SEQ ID NOS: 62
SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-253-025-6

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3956 CTTATGTTCAATATTTCT 3974
DB 1 CTTATGTTCAATATTTCT 19

RESULT 1455
US-08-442-144A-147
Sequence 147, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdia
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yacko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
US-08-442-144A-147

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 TTCTTTGGGAATGGGGT 3627
DB 2 TTCTTTGGGAATGGGGT 20

RESULT 1456
US-09-446-504-31/c
Sequence 31, Application US/09446504
Patent No. 6218150
GENERAL INFORMATION:
APPLICANT: UEMORI, Takeshi
APPLICANT: SATO, Yoshimi
APPLICANT: FUJITA, Tomoko
APPLICANT: MIYAKE, Kazuo
APPLICANT: MIKAI, Hiroyuki
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
FILE REFERENCE: 1422-408PCT
CURRENT APPLICATION NUMBER: US/09/446,504
CURRENT FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: PCT/JF98/02845
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: JP 9-187496
PRIOR FILING DATE: 1997-06-26
PRIOR APPLICATION NUMBER: JP 9-320692
PRIOR FILING DATE: 1997-11-27
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-446-504-31

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 GGGAGTGTGATACAT 440
DB 20 GGGAGTGTGATACAT 2

RESULT 1457
US-08-930-285-10/c
Sequence 10, Application US/08930285
Patent No. 622099
GENERAL INFORMATION:
APPLICANT: Regents of the University of Minnesota, et al.
TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING ACETYL COA CARBOXYLASE GE
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P. A.
STREET: P. O. Box 2938
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/930,285
FILING DATE: 13-APR-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/04625
FILING DATE: 04-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Embretson, Janet E.
REGISTRATION NUMBER: 39,665
REFERENCE/DOCKET NUMBER: 600.318US4
TELECOMMUNICATION INFORMATION:

TELEPHONE: 612-339-0331
TELEFAX: 612-339-3061
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-930-285-10

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 328 CTGCCAATTACTTGAGG 346
DB 19 CTGACCAATTACGTAGAG 1

RESULT 1458
US-08-930-285-24/c
Sequence 24, Application US/08930285
GENERAL INFORMATION:
APPLICANT: Regents of the University of Minnesota, et al.
TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING ACETYL COA CARBOXYLASE GE
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESS: Schwegman, Lundberg, Woessner & Kluch, P. A.
STREET: P. O. Box 2938
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/930,285
FILING DATE: 13-APR-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/04625
FILING DATE: 04-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Embretson, Janet E.
REGISTRATION NUMBER: 39,665
REFERENCE/DOCKET NUMBER: 600.318US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-339-0331
TELEFAX: 612-339-3061
TELEX:
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-930-285-24

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 328 CTGCCAATTACTTGAGG 346
DB 19 CTGACCAATTACGTAGAG 1

RESULT 1459
US-09-476-256-7/c
Sequence 7, Application US/09476256
Patent No. 6228592
GENERAL INFORMATION:
APPLICANT: Laboratory of Molecular Biophotonics
TITLE OF INVENTION: Nucleic Acid Detection in Cytoplasm
FILE REFERENCE: BBP99-02
CURRENT APPLICATION NUMBER: US/09/476,256
CURRENT FILING DATE: 1999-12-30
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: probe
US-09-476-256-7

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3852 TCCTTTCCTCTTATTCCT 3870
DB 20 TCCTTTCCTCTTATTCCT 2

RESULT 1460
US-09-476-256-12/c
Sequence 12, Application US/09476256
Patent No. 6228592
GENERAL INFORMATION:
APPLICANT: Laboratory of Molecular Biophotonics
TITLE OF INVENTION: Nucleic Acid Detection in Cytoplasm
FILE REFERENCE: BBP99-02
CURRENT APPLICATION NUMBER: US/09/476,256
CURRENT FILING DATE: 1999-12-30
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: probe
US-09-476-256-12

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3852 TCCTTTCCTCTTATTCCT 3870
DB 20 TCCTTTCCTCTTATTCCT 2

RESULT 1461
US-09-599-661-35/c
Sequence 35, Application US/09599661
Patent No. 6228630
GENERAL INFORMATION:
APPLICANT: Kofod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Christgau, Stephan

```

; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan Q.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; TITLE OF INVENTION: ASPERGILLUS ACULEATUS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 62286300 No. 6228630disk of No. 6228630th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/599,661
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/116,622
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Agria, Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954,224-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-599-661-35

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      47 GCGGCGGCGGCAACGAGG 65
Db      19 GCGGCGGCGGCGGCGGAGG 1

RESULT 1462
US-09-313-932-68
; Sequence 68, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-297
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; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-68

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5314 TGTCTCTCTCTTCTCTC 5332
Db      1 TCTCTCTCTCTATCTCCC 19

RESULT 1463
US-09-313-932-130
; Sequence 130, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-130

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      195 CTCGCGACGGGTATATGG 213
Db      1 CTCCTCCAGGTATATGCG 19

RESULT 1464
US-09-313-932-297/C
; Sequence 297, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 297
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-297

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2730 CTTGCCCAAGCCGTGAG 2748
```


Db 19 CCGGCCCATGCGCTGGAG 1

RESULT 1465
US-08-427-569-55

Sequence 55, Application US/08427569
Patent No. 6235465
GENERAL INFORMATION:
APPLICANT: Kolberg, Janice A.
APPLICANT: Urdea, Michael S.
TITLE OF INVENTION: HTLV-1 PROBES FOR USE IN SOLUTION
TITLE OF INVENTION: PHASE SANDWICH HYBRIDIZATION ASSAYS
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/427,569
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/130,150
FILING DATE:
APPLICATION NUMBER: 07/813,585
FILING DATE: 23-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Cioctti
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20238.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141

INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-427-569-55

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3609 TTCTTTGGGAATGGCGTG 3627
Db 2 TTCTTTGGGAATGGCGTG 20

RESULT 1466
US-09-560-594-59/c

Sequence 59, Application US/09560594
Patent No. 6242590
GENERAL INFORMATION:
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
FILE REFERENCE: RTS-0144
CURRENT APPLICATION NUMBER: US/09/560,594
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 59
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-59

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7237 CTCAGTCGACGATGATG 7255
Db 20 CTCAGTCGACGATGATG 2

RESULT 1467
US-09-021-701-669/c

Sequence 669, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 669:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-669

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6166 TCGACATTAAGGAAAAA 6184
Db 20 TCGACATTAAGGAAAAA 2

RESULT 1468
US-09-021-701-670/c

Sequence 670, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 670:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-670

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6166 TGGACATTAAGCAAAAAGA 6164
DB 19 TTGCCATTAAGAAAAAGA 1

RESULT 1469
US-09-021-701-737
Sequence 737, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA

ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 737:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-737

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5704 CTTCCTTCCCTCTCTCT 5722
DB 1 CTTCCTTCCATTTCTGT 19

RESULT 1470
US-09-021-701-773
Sequence 773, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 773:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-773

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4468 TTTTATTTTCTCTGTC 4486
Db 2 TTTTATTTTCTCTGTC 20

RESULT 1471
US-09-021-701-774
Sequence 774, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 774:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-774

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4468 TTTTATTTTCTCTGTC 4486
Db 2 TTTTATTTTCTCTGTC 20

Db 1 TTTTATTTTCTCTGTC 19

RESULT 1472
US-09-181-030-4
Sequence 4, Application US/09181030
Patent No. 6251597
GENERAL INFORMATION:
APPLICANT: Shyjan, Andrew W.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
FILE REFERENCE: 07334/004005
CURRENT APPLICATION NUMBER: US/09/181,030
CURRENT FILING DATE: 1998-10-27
EARLIER APPLICATION NUMBER: US 08/862,442
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: US 08/623,679
EARLIER FILING DATE: 1996-03-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-181-030-4

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6161 GGGATGACATTAAGGA 6179
Db 1 GGGAGACATCAAGGA 19

RESULT 1473
US-09-489-869-15/c
Sequence 15, Application US/09489869A
Patent No. 6268151
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Lex M. Cowert
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-15

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 68 GCGGGGCGGCGCGGAG 86
Db 19 GCGGCGGCGGCGGCGTG 1

RESULT 1474
US-08-695-421-10/c
Sequence 10, Application US/08695421
Patent No. 6268550
GENERAL INFORMATION:
APPLICANT: Gengenbach, B. G.

```
/ APPLICANT: Somers, D. A.
/ APPLICANT: Wyse, D. L.
/ APPLICANT: Gronwald, J. W.
/ APPLICANT: Egli, M. A.
/ APPLICANT: Lutz, S. M.
/ TITLE OF INVENTION: METHODS AND AN ACETYL COA CARBOXYLASE GENE
/ TITLE OF INVENTION: FOR CONFERRING HERBICIDE TOLERANCE AND AN ALTERATION IN OIL CO
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P.A.
/ STREET: P.O. Box 2938
/ CITY: Minneapolis
/ STATE: MN
/ COUNTRY: USA
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/695,421
/ FILING DATE: 23-AUG-1996
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/417089
/ FILING DATE: 05-APR-1995
/ APPLICATION NUMBER: 08/01326
/ FILING DATE: 05-FEB-1993
/ APPLICATION NUMBER: 07/917462
/ FILING DATE: 21-JUL-1992
/ APPLICATION NUMBER: 07/538674
/ FILING DATE: 18-JUN-1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Woessner, Warren D
/ REGISTRATION NUMBER: 30,440
/ REFERENCE/DOCKET NUMBER: 600.318US2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 612-373-6900
/ TELEFAX: 612-339-3061
/
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-695-421-10

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      328 CTGCGCAATTACTTTGAG 346
Db      19 CTGACCAATTACGTAGAG 1

RESULT 1475
US-09-593-711A-54
/ Sequence 54, Application US/09593711A
/ Patent No. 6271030
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
/ FILE REFERENCE: RTS-0118
/ CURRENT APPLICATION NUMBER: US/09/593,711A
/ CURRENT FILING DATE: 2000-06-14
/ NUMBER OF SEQ ID NOS: 244
/ SEQ ID NO 54
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-593-711A-54

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      66 CTGCGGGGGCGGCGCGG 84
Db      1 CTGCGAGGGCGCGCGCCG 19

RESULT 1476
US-09-593-711A-228/c
/ Sequence 228, Application US/09593711A
/ Patent No. 6271030
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
/ FILE REFERENCE: RTS-0118
/ CURRENT APPLICATION NUMBER: US/09/593,711A
/ CURRENT FILING DATE: 2000-06-14
/ NUMBER OF SEQ ID NOS: 244
/ SEQ ID NO 228
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-593-711A-228

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4467 TTTTGTGTGTGTGTGTGT 4485
Db      20 TTTTGTTTGTGTGTGTGT 2

RESULT 1477
US-09-135-020-29/c
/ Sequence 29, Application US/09135020
/ Patent No. 6274332
/ GENERAL INFORMATION:
/ APPLICANT: Keating, Mark T.
/ APPLICANT: Sanguinetti, Michael C.
/ APPLICANT: Splawski, Igor
/ TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
/ TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
/ TITLE OF INVENTION: KCNE1 AS AN IQT GENE
/ FILE REFERENCE: 2323-131
/ CURRENT APPLICATION NUMBER: US/09/135,020
/ CURRENT FILING DATE: 1998-08-17
/ EARLIER APPLICATION NUMBER: 08/921,068
/ EARLIER FILING DATE: 1997-08-29
/ EARLIER APPLICATION NUMBER: 08/739,383
/ EARLIER FILING DATE: 1996-10-29
/ EARLIER APPLICATION NUMBER: 60/019,014
/ EARLIER FILING DATE: 1995-12-22
/ EARLIER APPLICATION NUMBER: 60/094,477
/ EARLIER FILING DATE: 1998-07-29
/ NUMBER OF SEQ ID NOS: 114
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
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ORGANISM: Homo sapiens
US-09-135-020-29

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7013 TCTTCTTACGAGAGAAA 7031
DB 19 TCTTCTTACTGAGAGAGA 1

RESULT 1478
US-09-230-804-6
Sequence 6, Application US/09230804
Patent No. 6274352

GENERAL INFORMATION:
APPLICANT: Schofield, Peter Robert
APPLICANT: Mitchell, Phillip Bowden
APPLICANT: Adams, Linda Jacqueline
TITLE OF INVENTION: Method for Diagnosing and Assessing a
TITLE OF INVENTION: Predisposition to
FILE REFERENCE: 1871-125
CURRENT APPLICATION NUMBER: US/09/230,804
CURRENT FILING DATE: 1999-02-19
EARLIER APPLICATION NUMBER: PCT/AU98/00439
EARLIER FILING DATE: 1998-06-10
EARLIER APPLICATION NUMBER: PO 7268
EARLIER FILING DATE: 1997-06-10
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-230-804-6

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7356 CATTGGAATATATCCAG 7374
DB 2 CATTGGAATGACACAG 20

RESULT 1479
US-09-135-010A-29/C
Sequence 29, Application US/09135010A
Patent No. 6277978

GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQ1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/135,010A
CURRENT FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-135-010A-29

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7013 TCTTCTTACGAGAGAAA 7031
DB 19 TCTTCTTACTGAGAGAGA 1

RESULT 1480
US-08-441-970-147
Sequence 147, Application US/08441970
Patent No. 6297370

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02210

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991

ATTORNEY/AGENT INFORMATION:
NAME: Janluk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-441-970-147

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 TTCTTGGGAATGCGGTG 3627
DB 2 TTCTTGGAGAAAGTGCTG 20

RESULT 1481
US-08-169-715-56

```
; Sequence 56, Application US/08169715
; Patent No. 6300056
; GENERAL INFORMATION:
; APPLICANT: Irvine, Bruce D.
; APPLICANT: Horn, Thomas
; APPLICANT: Chang, Chu-An
; TITLE OF INVENTION: HIV PROBES FOR USE IN SOLUTION PHASE
; TITLE OF INVENTION: SANDWICH HYBRIDIZATION ASSAYS
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/169,715
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/813,583
; FILING DATE: 18-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Montoy, Gladys H.
; REGISTRATION NUMBER: 32,430
; REFERENCE/DOCKET NUMBER: 22300-20150.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-169-715-56
;
; Query Match          0.2%; Score 14.2; DB 1; Length 20;
; Best Local Similarity 84.2%; Pred. No. 1.8e+03;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY      3609 TTCTTTGGGGAATGGGCTG 3627
;          ||||| ||| ||| |||
;          2 TTCTTTGGGGAAGTGTG 20
;
; RESULT 1482
; US-09-411-291-2
; Sequence 2, Application US/09411291
; Patent No. 6303376
; GENERAL INFORMATION:
; APPLICANT: Glazer, Peter, M.
; TITLE OF INVENTION: Triple-Helix Forming Oligonucleotides for
; Targeted Mutagenesis
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patrea L. Pabst
; STREET: 2800 One Atlantic Center
;          1201 West Peachtree Street
; CITY: Atlanta
; STATE: GA
; COUNTRY: USA
; ZIP: 30309-3450
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/411,291
; FILING DATE: 04-Oct-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/476,712
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: YU114
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404)-873-8794
; TELEFAX: (404)-873-8795
;
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
;
; US-09-411-291-2
;
; Query Match          0.2%; Score 14.2; DB 1; Length 20;
; Best Local Similarity 84.2%; Pred. No. 1.8e+03;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY      3617 GGAATGGGGTGGGGTGGG 3635
;          ||||| ||| ||| |||
;          2 GGAAGGGGGGGGTGTGGG 20
;
; RESULT 1483
; US-09-721-822A-90/c
; Sequence 90, Application US/09721822A
; Patent No. 6306606
; GENERAL INFORMATION:
; APPLICANT: Michael J. Weber
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
; FILE REFERENCE: RTS-0142
; CURRENT APPLICATION NUMBER: US/09/721,822A
; CURRENT FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-721-822A-90
;
; Query Match          0.2%; Score 14.2; DB 1; Length 20;
; Best Local Similarity 84.2%; Pred. No. 1.8e+03;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY      4032 AAACAAATGTATTTT 4050
;          ||||| ||| ||| |||
;          20 AAATAAATAGTATTTT 2
;
; RESULT 1484
; US-09-534-242-4
; Sequence 4, Application US/09534242
; Patent No. 6312909
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
; AND TREATMENT OF TUMOR PROGRESSION
```

FILE REFERENCE: 0734/004004
CURRENT APPLICATION NUMBER: US/09/534,242
EARLIER FILING DATE: 2000-03-23
EARLIER APPLICATION NUMBER: US 09/164,671
EARLIER FILING DATE: 1998-10-01
EARLIER APPLICATION NUMBER: US 08/862,442
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: US 08/633,679
EARLIER FILING DATE: 1996-03-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-534-242-4

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6161 GGGGATGACATAAAGGA 6179
DB 1 GGGGAGCAGCATCAAGGA 19

RESULT 1485
US-09-454-854-4
Sequence 4, Application US/09454854
Patent No. 616204
GENERAL INFORMATION:
APPLICANT: Shyjan, Andrew W.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
FILE REFERENCE: 0734/004005
CURRENT APPLICATION NUMBER: US/09/454,854
CURRENT FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 09/181,030
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: US 08/623,679
PRIOR FILING DATE: 1996-03-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-454-854-4

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6161 GGGGATGACATAAAGGA 6179
DB 1 GGGGAGCAGCATCAAGGA 19

RESULT 1486
US-09-547-422-57/c
Sequence 57, Application US/09547422
Patent No. 6320100
GENERAL INFORMATION:
APPLICANT: Koziele, Michael G.
Desai, Nalini M.
Lewis, Kelly S.
Kramer, Vance C.
Warren, Gregory W.
Evola, Stephen V.

Crossland, Lyle D.
Wright, Martha S.
Merlin, Ellis J.
Launis, Karen L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6320100artis Agribusiness Biotechnology Research, Inc.
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/547,422
FILING DATE: 11-Apr-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US-08/459,595
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Weig, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805H
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25A28"
HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-09-547-422-57

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5867 GCAGGTCAGGCTTAGCTC 5885
DB 19 GCAGGTCAGGTCAGCTC 1

RESULT 1487
US-09-444-871-29/c
Sequence 29, Application US/09444871
Patent No. 6323026
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
FILE REFERENCE: 2323-131
CURRENT APPLICATION NUMBER: US/09/444,871
CURRENT FILING DATE: 1999-11-22
EARLIER APPLICATION NUMBER: US 09/135,020

```
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/922,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-29

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7013 TCTTCTTTACGAGGAAA 7031
Db      19  TCTTCTTACTGAGAGAA 1

RESULT 1488
US-09-712-266-31/c
; Sequence 31, Application US/09712266
; Patent No. 6333158
; GENERAL INFORMATION:
; APPLICANT: UEMORI, Takashi
; APPLICANT: SATO, Yoshihimi
; APPLICANT: FUJITA, Tomoko
; APPLICANT: MIYAKE, Kazuo
; APPLICANT: MUKAI, Hiroyuki
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
; FILE REFERENCE: 1422-408PCT
; CURRENT APPLICATION NUMBER: US/09/712,266
; PRIOR FILING DATE: 2000-11-15
; PRIOR APPLICATION NUMBER: US 09/446,504
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: PCT/JP98/02845
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: JP 9-187496
; PRIOR FILING DATE: 1997-06-26
; PRIOR APPLICATION NUMBER: JP 9-320692
; PRIOR FILING DATE: 1997-11-27
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-712-266-31

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      422 GCGAAGTGTGGAATACAT 440
Db      20  GCGAATGTGGAATGACTT 2

RESULT 1489
US-09-651-011A-14/c
; Sequence 14, Application US/09651011A
; Patent No. 6346416
```

```
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
; FILE REFERENCE: RTS-0168
; CURRENT APPLICATION NUMBER: US/09/651,011A
; CURRENT FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-651-011A-14

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1791 GTATGCTGAGTGAACGT 1809
Db      19  GAATGCAAGTGAACCTT 1

RESULT 1490
US-09-388-349-10
; Sequence 10, Application US/09388349
; Patent No. 6365370
; GENERAL INFORMATION:
; APPLICANT: Dublin, Adrienne E
; APPLICANT: Erlander, Mark G
; APPLICANT: Huvar, Rene
; APPLICANT: Buehler, Lukas K
; TITLE OF INVENTION: DNA Encoding A Human Subunit 5-HT3-C of the 5-HT3 Serotonin Receptor
; FILE REFERENCE: ORT-1039
; CURRENT APPLICATION NUMBER: US/09/388,349
; CURRENT FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
; OTHER INFORMATION: distribution oligonucleotide
US-09-388-349-10

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      682 GTGCAAGCCCTGGATGNG 700
Db      2  GTGGAATCATGATGTGG 20

RESULT 1491
US-09-662-250A-68
; Sequence 68, Application US/09662250A
; Patent No. 6368856
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION
; FILE REFERENCE: RTS-0129
; CURRENT APPLICATION NUMBER: US/09/662,250A
; CURRENT FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 68
; LENGTH: 20
```



```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-250A-68

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4291 TGCAGTGCATCTTTTCC 4309
Db      1 TGCATGTTCCCTTTTCC 19

RESULT 1492
US-09-164-671-4
; Sequence 4, Application US/09164671A
; Patent No. 6372896
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
; FILE REFERENCE: 07334/004004
; CURRENT APPLICATION NUMBER: US/09/164,671A
; CURRENT FILING DATE: 1998-10-01
; EARLIER APPLICATION NUMBER: US 08/862,442
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: US 08/623,679
; EARLIER FILING DATE: 1996-03-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-164-671-4

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6161 GGGGATGACATTAAGGAA 6179
Db      1 GGGGAGACATCAAGAA 19

RESULT 1493
US-09-177-437-8
; Sequence 8, Application US/09177437
; Patent No. 6383746
; GENERAL INFORMATION:
; APPLICANT: Florence Guignard
; APPLICANT: Philip M. Murphy
; APPLICANT: Christophe Combadere
; APPLICANT: H. Lee Tiffany
; TITLE OF INVENTION: FUNCTIONAL PROMOTER FOR CCR5
; FILE REFERENCE: 14014.0332
; CURRENT APPLICATION NUMBER: US/09/177,437
; CURRENT FILING DATE: 1998-10-21
; EARLIER APPLICATION NUMBER: 60/065,934
; EARLIER FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence./No. 6383746e =
; OTHER INFORMATION: synthetic construct

```

```

US-09-177-437-8

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3362 TTTTAAAGGTTTGGTT 3380
Db      2 TTGTTGCGTTTGGTT 20

RESULT 1494
US-09-702-246-39/C
; Sequence 39, Application US/09702246
; Patent No. 6383809
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION
; FILE REFERENCE: RTS-0195
; CURRENT APPLICATION NUMBER: US/09/702,246
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-39

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      325 CTCCTGSCCAATTAATTG 343
Db      19 CTCCTGSCCAATTCTCTG 1

RESULT 1495
US-09-044-781A-14/C
; Sequence 14, Application US/09044781A
; Patent No. 6399328
; GENERAL INFORMATION:
; APPLICANT: Yountakis, J.
; APPLICANT: Seth, A.
; APPLICANT: Papas, T.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSIS AND TREATMENT OF
; FILE REFERENCE: 10545-004-999
; CURRENT APPLICATION NUMBER: US/09/044,781A
; CURRENT FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/044,425
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-044-781A-14

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7409 ACATCAGCAGCAGCAGCAG 7427
Db      19 AATATCAGCAGCAGCAGCG 1

```

```
RESULT 1496
US-09-387-341-223/C
; Sequence 223, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Roberts, M. Luisa
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; EARLIER FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 223
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-223
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```
Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5172 CAGTGGCTCTGCATGTTTC 5190
DB      19 CAGTGGCTCTGCATGTTTC 1
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```
RESULT 1497
US-09-851-896-84
; Sequence 84, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-84
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```
Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4707 ATTACTTTAGACCTAGCCC 4725
DB      2 ATTCTTTAGTCCAGCCC 20
```

```
RESULT 1498
US-09-506-073-30/C
```

```
; Sequence 30, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-30
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      3004 CCCCTACCCCATCTTGTC 3022
DB      19 CACCTCAGCCCATCTTGAC 1
```

```
RESULT 1499
US-09-724-426-28
; Sequence 28, Application US/09724426
; Patent No. 6414134
; GENERAL INFORMATION:
; APPLICANT: Reed, John
; TITLE OF INVENTION: Regulation of BCL-2 Gene Expression
; FILE REFERENCE: 10412-024
; CURRENT APPLICATION NUMBER: US/09/724,426
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-724-426-28
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      65 GCTGCGGCGCGCGCGCGC 83
DB      2 GCGGCGGCGCGCGCGCGC 20
```

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RESULT 1500
US-08-697-826A-7/C
; Sequence 7, Application US/08697826A
; Patent No. 6414222
; GENERAL INFORMATION:
; APPLICANT: Gengenbach, B. G.
; APPLICANT: Somers, D. A.
; APPLICANT: Egli, M. A.
```

APPLICANT: Marshall, L. C.
APPLICANT: Myse, D. L.
APPLICANT: Lutz, S. M.
APPLICANT: Van Dee, K. L.
APPLICANT: Parker, W. B.
TITLE OF INVENTION: GENE COMBINATIONS FOR HERBICIDE
TITLE OF INVENTION: TOLERANCE IN CORN
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESS: Schwegman, Lundberg, Woessner & Kluth, P.A.
STREET: P.O. Box 2938
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: 29-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/04625
FILING DATE: 04-APR-1996
APPLICATION NUMBER: 08/679,826
FILING DATE: 30-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Woessner, Warren D
REGISTRATION NUMBER: 30,440
REFERENCE/DOCKET NUMBER: 600.370MOI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-359-3260
TELEFAX: 612-359-3263
TELEX:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-657-826A-7
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 328 CTGCCCAATTACTTGTGAGG 346
DB 19 CTGACCAATTACGTAGAGG 1
RESULT 1501
US-09-597-735-29/C
Sequence 29, Application US/09597735.
Patent No. 6420124
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KYLOT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/597,735
CURRENT FILING DATE: 2000-06-19
EARLIER APPLICATION NUMBER: 09/135,010
EARLIER FILING DATE: 1998-08-17

EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-597-735-29
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 7013 TCTTCTTTACAGAGAAA 7031
DB 19 TCTTCTTTACAGAGAGA 1
RESULT 1502
US-09-657-452A-72
Sequence 72, Application US/09657452A
Patent No. 6426188
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-72
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 590 TTAAAGTCTTCATCACTG 608
DB 1 TTGAGTCTCTTCACACTG 19
RESULT 1503
US-09-702-327-65/C
Sequence 65, Application US/09702327
Patent No. 6426220
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-65

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3639 GGAGGTAGATGGGAGGAA 3657
DB 20 GGAGGAAGATGAGGAGAA 2

RESULT 1504
US-09-444-295-29/C
; Sequence 29, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; CURRENT FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-29

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7013 TCTTCTTACAGAGGAAA 7031
DB 19 TCTTCTTACTCTGAGAGAA 1

RESULT 1505
US-09-780-175-132/C
; Sequence 132, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-132

Query Match 0.2%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 TGAGTTCATGCTGTGAGTG 918
DB 20 TGATTTCTTGTGAGTG 2

RESULT 1506
US-09-907-843-29
; Sequence 29, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-29

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2059 ATGATGCCACCCAGGCC 2077
DB 1 ATGATGACCACTCAGCC 19

RESULT 1507
US-09-907-843-87/C
; Sequence 87, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-87

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1226 CCCTAGAGCTGTAAACAT 1244
DB 20 CTCTGAGGTCTTAACAT 2

RESULT 1508
US-09-470-443-113
; Sequence 113, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.

```
; APPLICANT: Latif, Farida
; APPLICANT: Mei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Du, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-113

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      23 GCAGTGGAGCTGCTGCAG 41
Db      2 GCAGTGTGAGCTAGTGCAG 20

RESULT 1509
US-09-658-679A-66/C
; Sequence 66, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-658-679A-66

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      882 TAAGCAGCAGCAGCTGATT 900
Db      19 TAAGAGCAGCAGCTGATT 1

RESULT 1510
US-09-676-610B-60
; Sequence 60, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 60
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-676-610B-60

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2966 CCAGCCAGAAATCTCTGAT 2984
Db      1 CCAGCCAAATCTCTGAT 19

RESULT 1511
US-09-676-610B-118/C
; Sequence 118, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-676-610B-118

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      333 CAATTACTTGAGGTGAGC 351
Db      20 CAATTACTTGAGGTGATC 2

RESULT 1512
US-09-853-768-44/C
; Sequence 44, Application US/09853768
; Patent No. 6444466
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
; FILE REFERENCE: RTS-0217
; CURRENT APPLICATION NUMBER: US/09/853,768
; CURRENT FILING DATE: 2001-05-10
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-853-768-44

Query Match      0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      1585 AAACAGTGCAGAGAGAGG 1603
Db      19 AACGAGTCTGAGAGAGG 1
```

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RESULT 1513
US-09-328-174A-83
; Sequence 83, Application US/09328174A
; Patent No. 6448003
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kirth, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/09/328,174A
; CURRENT FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-83

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1642 AAGGATCGGGGATGCCTA 1660
Db      1 AAGGATGTGGGGTTTCCCTA 19

RESULT 1514
US-09-328-174A-84
; Sequence 84, Application US/09328174A
; Patent No. 6448003
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kirth, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/09/328,174A
; CURRENT FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-84

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1642 AAGGATCGGGGATGCCTA 1660
Db      1 AAGGATGTGGGGTTTCCCTA 19

RESULT 1515
US-09-791-211-66
; Sequence 66, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
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; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-66

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3904 TTTCATGCGATTTTTCAGT 3922
Db      1 TATCAGCGCATTTTTCAGT 19

RESULT 1516
US-09-441-340-22/c
; Sequence 22, Application US/09441340
; Patent No. 6448476
; GENERAL INFORMATION:
; APPLICANT: Barry, Gerard F.
; TITLE OF INVENTION: Phosphate Metabolizing Plants
; FILE REFERENCE: 38-21 (15303)
; CURRENT APPLICATION NUMBER: US/09/441,340
; CURRENT FILING DATE: 1999-11-16
; EARLIER APPLICATION NUMBER: 60/108,763
; EARLIER FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: Oligonucleotide PHN2 for use as an amplification
; OTHER INFORMATION: primer
US-09-441-340-22

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      974 TTGCTTCACCAAGAGAT 992
Db      20 TCCGCTTCACCAAGGCGCT 2

RESULT 1517
US-09-597-732-29/c
; Sequence 29, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanghineti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
```

PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-597-732-29

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7013 TCTCTTACAGAGAAA 7031
Db 19 TCTCTTACTGAGAGAGA 1

RESULT 1518
US-09-746-694-42/C
Sequence 42, Application US/09746694
Patent No. 6451538
GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF CHK2 EXPRESSION
FILE REFERENCE: RTS-0228
CURRENT APPLICATION NUMBER: US/09/746,694
CURRENT FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-746-694-42

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7451 TAAAGACACAGTGGCTTC 7469
Db 19 TTAAGACACCGTGGCTTC 1

RESULT 1519
US-09-517-467B-58/C
Sequence 58, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 58
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-58

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6318 GCTACTGTGCTGGAACT 6336
Db 20 GCTCCTGCTGCTGGAACT 2

RESULT 1520
US-09-091-952A-58/C
Sequence 58, Application US/09091952A
Patent No. 6458532
GENERAL INFORMATION:
APPLICANT: Detera-Nadleigh, Sevilla D.
Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
Berretini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Pastero for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1...20
OTHER INFORMATION: CHLC.GGA16G02 forward primer
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-091-952A-58

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5692 CCACTGTTTGCTCTCTT 5710

Db 19 CCTCTGTTTTCCTTCCAT 1

```

RESULT 1521
US-09-360-416-43
; Sequence 43, Application US/09360416
; Patent No. 645836
; GENERAL INFORMATION:
; APPLICANT: Richard A. Gatti
; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
; TITLE OF INVENTION: TELANGLECTASIA MUTATIONS
; FILE REFERENCE: 510015-222
; CURRENT APPLICATION NUMBER: US/09/360,416
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-360-416-43

```

Query Match	0.2%	Score 14.2;	DB 1;	length 20;
Best Local Similarity	84.2%;	Pred. No. 1.8e+03;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

QY 3449 TACTTCTCCTCCCTGACAG 3467
||| |||
Db 2 TATTCTCCTTCCTAACAG 20

```

RESULT 1522
US-09-780-049-25/C
; Sequence 25, Application US/09780049
; Patent No. 6465250
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0134
; CURRENT APPLICATION NUMBER: US/09/780,049
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-049-25

```

Query Match	0.2%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 1.8e+03;		
Matches 16; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY 68 GCGGGGCGGCGGCGAG 86
20 GTGCGGCGGCGGCGGCGG 2
Db

RESULT 1523
 US-09-305-856B-71
 ; Sequence 71, Application US/09305856B
 ; Patent No. 6479236
 ; GENERAL INFORMATION:
 ; APPLICANT: Penny, Laura
 ; APPLICANT: Calvin, Margaret
 ; TITLE OF INVENTION: Genotyping the Human
 ; TITLE OF INVENTION: UDP-Galucuronosyltransferase 1 (UGT1) Gene
 ; FILE REFERENCE: 4389-7 (formerly SEQ-17C1P)
 ; CURRENT APPLICATION NUMBER: US/09/305,856B

```

: CURRENT FILING DATE: 1999-05-05
: PRIOR APPLICATION NUMBER: 60/084,807
: PRIOR FILING DATE: 1998-05-07
: NUMBER OF SEQ ID NOS: 124
: SOFTWARE: FastSeq for Windows Version 3.0.
: SEQ ID NO 71
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Primer
: US-09-305-856B-71

```

Query Match	0.2%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 1.8e+03;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0

QY 3698 ATTTTCATTTGAAGAAT 3716
| | | | | | | | | |
Db 1 AATTGCTTTTGAAGAAT 19

```

RESULT 1524
US-09-305-856B-73
/ Sequence 73, Application US/09305856B
/ Patent No. 6479236
/ GENERAL INFORMATION:
/ APPLICANT: Penny, Laura
/ APPLICANT: Galvin, Margaret
/ TITLE OF INVENTION: Genotyping the Human
/ TITLE OF INVENTION: UDP-Glucuronosyltransferase 1 (UGT1) Gene
/ FILE REFERENCE: 4389-7 (formerly SEQ-17C1P)
/ CURRENT APPLICATION NUMBER: US/09/305,856B
/ CURRENT FILING DATE: 1999-05-05
/ PRIOR APPLICATION NUMBER: 60/084,807
/ PRIOR FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 124
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 73
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-305-856B-73

```

Query Match	0.2%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 1.8e+03;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0

QY 3698 ATTTGCATTTGAAGGAAT 3716
| | | | | | | | | |
Db 1 AATTGCTTTTGAAGAAT 19

```

RESULT 1525
US-09-725-265-34/C
; Sequence 34, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725.265
; CURRENT FILING DATE: 2000-11-29

```


PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-34

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6681 GTATTATTTATTTATAT 6699
DB 19 GGTTTTTTATATATATAT 1

RESULT 1526
US-09-658-688A-21/C
Sequence 21, Application US/09658688A
Patent No. 6498035
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: William Garde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
FILE REFERENCE: RTS-0143
CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-21

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7423 AGCAGCAGCAGCAGCATTC 7441
DB 19 AGCGGAGCAGCAGCATTC 1

RESULT 1527
US-09-657-346A-151/C
Sequence 151, Application US/09657346A
Patent No. 6503754
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF B33 INTERACTING DOMAIN DEATH AGONIST
FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 151
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-657-346A-151
Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4427 GGTTCCCACTGGGCGATG 4445
DB 20 GGTTCCCACTGGGGAATG 2

RESULT 1528
US-09-668-313A-44/C
Sequence 44, Application US/09668313A
Patent No. 6503756
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0127
CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 247
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-44

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6192 GAAGAGATGAGAGGATTT 6210
DB 20 GAGGAGATGAGAGGATTT 2

RESULT 1529
US-09-315-574-127/C
Sequence 127, Application US/09315574
Patent No. 6512097
GENERAL INFORMATION:
APPLICANT: Marks, James D.
APPLICANT: Schier, Robert
TITLE OF INVENTION: No. 6512097el High Affinity Human Antibodies to
NUMBER OF INVENTION: Tumor Antigens
NUMBER OF SEQUENCES: 141
CORRESPONDENCE ADDRESS:
ADDRESSEE: Majestic, Parsons, Siebert & Hsu P.C.
STREET: Four Embarcadero Center, Suite 1100
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4106
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/315,574
FILING DATE: 20-MAY-99
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/000,238
FILING DATE: 14-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/000,250
FILING DATE: 15-JUN-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/665,202
FILING DATE: 13-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom
REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 02307E-061411
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-315-574-127

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 22 CCGAGTGGAGCTGCTGCA 40
|||
Db 19 CCGAGTTGAGACTACTGCA 1

RESULT 1530
US-08-754-477A-92/c
Sequence 92, Application US/08754477A
Patent No. 6518411
GENERAL INFORMATION:
APPLICANT: Murray, Jeffrey
APPLICANT: Semina, Elena
TITLE OF INVENTION: RIEG COMPOSITIONS AND THERAPEUTIC
TITLE OF INVENTION: AND DIAGNOSTIC USES THEREFOR
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSER: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/754,477A
FILING DATE: 22-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-022.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-754-477A-92

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2854 AATCGAGAGCAAGCA 2872
|||
Db 19 AATCGAGATGAGCAAGCA 1

RESULT 1531
US-09-422-978-4737
Sequence 4737, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4737
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-17420 for SEQ 803,
US-09-422-978-4737

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3272 TTGTTAAGAGAAAATG 3290
|||
Db 2 TTGTTGAGAGAGAAATG 20

RESULT 1532
US-09-422-978-8838
Sequence 8838, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8838
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-18602 for SEQ 973, in complem
US-09-422-978-8838

Query Match 0.2%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6218 AACGTGGAGAGAGACCA 6236
Db 1 ATGCTGGAGATGAGAGACA 19

RESULT 1533
US-09-422-978-10868
; Sequence 10868, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C01
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10868
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-21566 for SEQ 3003, in compler

US-09-422-978-10868

Query Match: 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5696 TGTTTGCTTCCTTTCC 5714
Db 2 TGTTTGACTTCTCTCC 20

RESULT 1534
US-08-857-636-11/C
; Sequence 11, Application US/08857636
; Patent No. 6552181
; GENERAL INFORMATION:
; APPLICANT: Dean, Michael Carlton
; APPLICANT: Hahn, Heidi Ewe
; APPLICANT: Wicking, Carol
; APPLICANT: Christensen, Jeffrey
; APPLICANT: Zephtropoulos, Peter G.
; APPLICANT: Gailani, Mae R.
; APPLICANT: Shanley, Susan Mary
; APPLICANT: Chidambaram, Abirami
; APPLICANT: Vorechovsky, Igor
; APPLICANT: Holmberg-Lindstrom, Erika
; APPLICANT: Unden, Anne Birgitte
; APPLICANT: Gillies, Susan Alana
; APPLICANT: Negus, Kylie
; APPLICANT: Smyth, Ian McLeod
; APPLICANT: Pressman, Carol Leah
; APPLICANT: Leffell, David J.
; APPLICANT: Gerrard, Bernard
; APPLICANT: Goldstein, Aissa Miriam
; APPLICANT: Malmwarght, Brandon
; APPLICANT: Tofsgard, Rune Carl-Magnus
; APPLICANT: Chenevix-Trench, Georgia
; APPLICANT: Bale, Allen E.

TITLE OF INVENTION: A Basal Cell Carcinoma Tumor Suppressor Gene
NUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,636
FILING DATE: 16-MAY-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/017,906
FILING DATE: 17-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU P00011
FILING DATE: 21-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU P00363
FILING DATE: 07-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/019,765
FILING DATE: 14-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom
REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 015280-278200US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..20
OTHER INFORMATION: /note= "PTCR18 primer"
US-08-857-636-11

Query Match: 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6955 AAGGAGCGGAGAGATGA 6973
Db 19 AAGGAGAGAGAGAGAGA 1

RESULT 1535
US-09-198-452A-1307
; Sequence 1307, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1307

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1307

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3649 GGGGAGAAATATCCCGA 3667
DB 1 GGGGAGAAATATCCCGA 19

RESULT 1536
US-09-198-452A-1575
; Sequence 1575, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1575
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1575

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6161 GGGGATGACATTAAGGA 6179
DB 1 GGGGATGACATTAAGGA 19

RESULT 1537
US-09-198-452A-1859
; Sequence 1859, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1859
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1859

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2121 CATTGAAGACTTGCTTAC 2139
DB 2 CATTGAAGACTTGCTTAC 20

RESULT 1538
US-09-198-452A-1958/c
; Sequence 1958, Application US/09198452A
```

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; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1958
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1958

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 CCTGATGAGAAATGCCAGC 1368
DB 19 CCTGATGAGAAATGCCAGC 1

RESULT 1539
US-09-198-452A-2176/c
; Sequence 2176, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2176

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4292 GCAAGTGCATCTTTTCT 4310
DB 20 GCAAGTGCATCTTTTCT 2

RESULT 1540
US-09-198-452A-2534/c
; Sequence 2534, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2534
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2534

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6188 ATGAGAGAGAGATGAGAG 6206

Db 20 ATGAGAGAGATGAGAG 2

RESULT 1541

US-09-198-452A-2989
Sequence 2989, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 2989

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-2989

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2301 CCACCTGGATCTACTTAT 2319

Db 2 CCACCTGGATCTACTTAT 20

RESULT 1542

US-09-198-452A-3434
Sequence 3434, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3434

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-3434

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 913 GAGGTGCTGAGATCAGCA 931

Db 2 GAGGTGCTGAGATCAGCA 20

RESULT 1543

US-09-198-452A-4619
Sequence 4619, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4619

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4619

FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4619

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4619

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2336 GCCATCACACCCGCTTTT 2354

Db 1 GCCATCACACCCGCTTTT 19

RESULT 1544

US-09-198-452A-4967
Sequence 4967, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4967

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4967

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2585 GCACAGCTCTGCTCTTAT 2603

Db 1 GCACAGCTCTGCTCTTAT 19

RESULT 1545

US-09-198-452A-5175
Sequence 5175, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5175

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5175

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 345 GGTCGACATCCCTAATATC 363

Db 2 GGTCGACATCCCTAATATC 20

```
RESULT 1546
US-09-198-452A-6067
; Sequence 6067, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6067
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6067

Query Match
Best Local Similarity 0.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1602 GGTGCTCAGACTTCA 1620
Db 2 GCTGCTCAGACTTCA 20

RESULT 1547
US-09-198-452A-6287/c
; Sequence 6287, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6287
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6287

Query Match
Best Local Similarity 0.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 GTGGAAGTCCGACTGTG 1024
Db 19 GTGGAAGTCCGACTGTG 1

RESULT 1548
US-09-198-452A-6290/c
; Sequence 6290, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6290
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6290

Query Match
Best Local Similarity 0.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 GTGGAAGTCCGACTGTG 1024
Db 19 GTGGAAGTCCGACTGTG 1

RESULT 1549
US-09-198-452A-6683/c
; Sequence 6683, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6683
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6683

Query Match
Best Local Similarity 0.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3451 CTCTCTCTCCTGACGAC 3469
Db 19 CTCTCTCTCCTGACGAC 1

RESULT 1550
US-09-597-731-29/c
; Sequence 29, Application US/09597731
; Patent No. 6582913
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,731
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-731-29
```

Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 7013 TCTTCTTTACAGAGAAA 7031
DB 19 TCTTCTTTACAGAGAGA 1

RESULT 1551
US-09-909-595-83
; Sequence 83, Application US/09909595
; Patent No. 6586245
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Scott E. Davis
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
; FILE REFERENCE: RTS-0223
; CURRENT APPLICATION NUMBER: US/09/909,595
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-83

Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1967 TTCAAGCCAGCGATATT 1985
DB 1 TTCAAGCCAGCGATATT 19

RESULT 1552
US-09-249-247-132/C
; Sequence 132, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiding H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-247-132

Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 6086 CTCTTACTGTGGGCTTG 6104
DB 20 CTATTTACTGTGAGCCTTG 2

RESULT 1553
US-10-072-094-105
; Sequence 105, Application US/10072094
; Patent No. 6600351
; GENERAL INFORMATION:
; APPLICANT: JACKSON, DONALD
; APPLICANT: LORENZI, MATTHEW
; APPLICANT: ATTAR, RICARDO
; APPLICANT: GOTTARDIS, MARCO
; TITLE OF INVENTION: NOVEL HUMAN HISTONE PEPTIDES
; FILE REFERENCE: 3053-4145US1
; CURRENT APPLICATION NUMBER: US/10/072,094
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 60/298,296
; PRIOR FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-072-094-105

Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4730 TTGGAGCCAGCTCGAGCA 4748
DB 1 TTGGAGCCAGCTCGATGA 19

RESULT 1554
US-09-780-045-37/C
; Sequence 37, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-37

Query Match 0.2% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1268 AGAAGTGACCGACCA 1286
DB 20 AGCAGTGACGAGAACCA 2

RESULT 1555
US-09-780-045-93
; Sequence 93, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-93

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3271 TTGTTTAAAGAGAAAAT 3289
Db      1 TTGTTTAAATGAAAAGT 19

RESULT 1556
US-09-112-580-41/C
; Sequence 41, Application US/09112580
; Patent No. 6610539
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Alping
; APPLICANT: DUGOUD, Dominique
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; CURRENT FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-112-580-41

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1443 GCTGCCGCGCCCATCTTG 1461
Db      19 GCTGCCGCGCCCATCATG 1

RESULT 1557
US-09-554-467A-8/C
; Sequence 8, Application US/09554467A
; Patent No. 6639125
; GENERAL INFORMATION:
; APPLICANT: Myers, Alan M.
; APPLICANT: James, Martha G.
; TITLE OF INVENTION: dulla Coding for a No. 6639125el Starch Synthase and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: D6036PCT
; CURRENT APPLICATION NUMBER: US/09/554,467A
; CURRENT FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: PCT/US98/24225
; PRIOR FILING DATE: 1998-11-12
; PRIOR APPLICATION NUMBER: US 08/062,102
; PRIOR FILING DATE: 1997-11-12
; NUMBER OF SEQ ID NOS: 37
; SEQ ID NO 8

; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer_bind
; OTHER INFORMATION: Primer du-R1 used to amplify Dui mRNA
US-09-554-467A-8

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5440 TGGCAATGACAAGAATG 5458
Db      19 TGGCAATGACAAGAAGC 1

RESULT 1558
US-09-554-726A-29
; Sequence 29, Application US/09554726A
; Patent No. 6642369
; GENERAL INFORMATION:
; APPLICANT: HERMANN, Bernhard
; APPLICANT: KOSCHORZ, Birgit
; APPLICANT: KISPERT, Andreas
; TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATION
; FILE REFERENCE: 258 0009 0101
; CURRENT APPLICATION NUMBER: US/09/554,726A
; CURRENT FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: PCT/EP 98/07395
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: EP 98 10 3596.7
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: EP 97 12 0190.0
; PRIOR FILING DATE: 1997-11-18
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-554-726A-29

Query Match          0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAG 7433
Db      2 GCAGCAAAAGCAGCAGCAG 20

RESULT 1559
US-09-734-188-6
; Sequence 6, Application US/09734188
; Patent No. 6649345
; GENERAL INFORMATION:
; APPLICANT: Richardson Ph.D., Mary Ann
; APPLICANT: Goldman, Assistant Counsel, Robin A.
; APPLICANT: New York State Office of Mental Health
; APPLICANT: Nathan S. Kline Institute for Psychiatric Research
; TITLE OF INVENTION: PAH
; FILE REFERENCE: Kline Inst.
; CURRENT APPLICATION NUMBER: US/09/734,188
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 09/253,025
; PRIOR FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
```


LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-734-188-6

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3956 CTTATGTTCAATATTTCT 3974
DB 1 CTTATGTTCAAAATTTCT 19

RESULT 1560
US-09-495-714C-77/C
Sequence 77, Application US/09495714C
Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 77
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-495-714C-77

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6875 GGAGAGGCTGGTGGT 6893
DB 20 GGAGAGGAGCAGGATGAT 2

RESULT 1561
PCT-US91-01574-5/C
Sequence 5, Application PC/TUS9101574
GENERAL INFORMATION:
APPLICANT: White Ph.D. Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cetus Corporation
STREET: 1400 Fifty-Third Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/01574
FILING DATE: 19910307
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
FILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Kaeber, Kevin R.
REGISTRATION NUMBER: 32,704
REFERENCE/DOCKET NUMBER: 2536.1
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 420-3444
TELEFAX: (415) 658-5239
TELEX: 4992659
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US91-01574-5

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6627 GAAATATCATCTCAACTA 6645
DB 20 GAATATATCTCAACTA 2

RESULT 1562
PCT-US93-07743-14/C
Sequence 14, Application PC/TUS9307743
GENERAL INFORMATION:
APPLICANT: Jayaraman, Krishna
APPLICANT: Vu, Huyuh
APPLICANT: Zendequi, Joseph
TITLE OF INVENTION: Cholesteryl-Modified Triple Helix
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dr. Adler/ Fulbright & Jaworski
STREET: 1301 McKinney St Suite 4100
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07743
FILING DATE: 19930817
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/934,065
FILING DATE: 21-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Adler Ph.D., Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5523
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-651-5587
TELEFAX: 713-651-5246
TELEX: 76-2829
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: /note= "a cholesterol moiety is

OTHER INFORMATION: attached to the 3' end"
PCT-US93-07743-14

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2999 CCCCACCCCTCACCCTC 3017
DB 20 CCCCACCCACCCACC 2

RESULT 1563

PCT-US95-07111A-28/c
Sequence 28, Application PC/TUS9507111A
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111A
FILING DATE: May 31, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0135
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
PCT-US95-07111A-28

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3004 CCCCCTCACCCTCTTCTC 3022
DB 19 CACCTCAGCCCATCTTAC 1

RESULT 1564
PCT-US96-09388-18
Sequence 18, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09388
FILING DATE: 07-JUN-1995
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-09388-18

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3866 TTCCTCTTACCTCCGCC 3884
DB 1 TTCCTCCACCCACCGCCC 19

RESULT 1565
PCT-US96-09388-19
Sequence 19, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09388
FILING DATE: 07-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:

NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHEICAL: NO
ANTI-SENSE: YES
PCT-US96-09388-19

Query Match 0.2%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3866 TTCCTCTACCTCCGCC 3884
DB 2 TTCCTCCACCCACCGCC 20

RESULT 1566
US-08-424-663-5
Sequence 5, Application US/08424663
Patent No. 5750341
GENERAL INFORMATION:
APPLICANT: MACEVICZ, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Stephen C. Macevitz
STREET: 21890 Rucker Drive
CITY: Cupertino
STATE: California
COUNTRY: USA
ZIP: 95014
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows, vers. 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/424,663
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevitz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: peol
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 638-5552
TELEFAX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-424-663-5

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6956 AGGAGGGAAGATGAG 6974

DB 1 AGGAGGGAAGATGAG 19

RESULT 1567
US-08-872-446-5
Sequence 5, Application US/08872446
Patent No. 5969119
GENERAL INFORMATION:
APPLICANT: MACEVICZ, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dellinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/872,446
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-872-446-5

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6956 AGGAGGGAAGATGAG 6974
DB 1 AGGAGGGAAGATGAG 19

RESULT 1568
US-09-280-270A-5
Sequence 5, Application US/09280270A
Patent No. 6306597
GENERAL INFORMATION:
APPLICANT: MACEVICZ, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dellinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:

OTHER INFORMATION: /label= oligonucleotide
OTHER INFORMATION: /note= "Identification method S"
US-07-932-379A-19

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6211 TGAATTAAGGTGGGAAG 6229
DB 20 TGACTTAAGAGGGGAAG 2

RESULT 1571
US-08-042-747A-2/c
Sequence 2, Application US/08042747A
Patent No. 5487969
GENERAL INFORMATION:
APPLICANT: Eberle, Richard
APPLICANT: Black, Darla
APPLICANT: Scincicciello, Franco
APPLICANT: Hilliard, Julia K.
TITLE OF INVENTION: Cloning and Amplification of Monkey B
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cox & Smith Incorporated
STREET: 112 East Pecan Street, Suite 2000
CITY: San Antonio
STATE: Texas
COUNTRY: USA
ZIP: 78205

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent'n Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/042.747A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Hammond, W. Bradley
REGISTRATION NUMBER: 35186
REFERENCE/DOCKET NUMBER: S-0072.179
TELECOMMUNICATION INFORMATION:
TELEPHONE: 210-554-5500
TELEFAX: 210-226-8395
TELEX: 767609

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-042-747A-2

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4264 TCCTCTGCACTGTCTTGA 4282
DB 20 TCCTCTACTCGTCTCTGA 2

RESULT 1572
US-08-063-167A-36/c
Sequence 36, Application US/08063167A
Patent No. 5514788
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli

TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/063.167A
FILING DATE: 19930517
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-063-167A-36

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATTACTTTA 4715
DB 19 TGAAGTCATGATCTCTCA 1

RESULT 1573
US-08-379-295-19/c
Sequence 19, Application US/08379295
Patent No. 5516898
GENERAL INFORMATION:
APPLICANT: Ohashi, Tetsuo
APPLICANT: Toda, Jum
APPLICANT: Fukushima, Shigeru
APPLICANT: Ozaki, Hiroko
APPLICANT: Nishimura, Naoyuki
APPLICANT: Shirasaki, Yoshinari
TITLE OF INVENTION: Oligonucleotides for Detecting
TITLE OF INVENTION: Bacteria and Detection Method
TITLE OF INVENTION: Using Same
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: 301 N. Washington St.
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22046-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,295
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/932,379A
; FILING DATE: 19-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Raymond C.
; REGISTRATION NUMBER: 21,066
; REFERENCE/DOCKET NUMBER: 1327-106P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORGANISM: Eschericia coli
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..21
; OTHER INFORMATION: /label= oligonucleotide
; OTHER INFORMATION: /note= "identification method S"
; US-08-379-295-19

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      6211 TGAATAAAGGTGGGAAG 6229
Db      20 TGAATAAAGAGGGGAAG 2

RESULT 1574
US-08-257-964-1
; Sequence 1, Application US/08257964
; Patent No. 5518651
; GENERAL INFORMATION:
; APPLICANT: Reddy, Parameswara M.
; APPLICANT: Hanna, Naem B.
; TITLE OF INVENTION: Methods and Reagents
; TITLE OF INVENTION: for Cleaving and
; TITLE OF INVENTION: Deprotecting
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beckman Instruments, Inc.
; STREET: 2500 Harbor Boulevard
; CITY: Fullerton
; STATE: California
; COUNTRY: USA
; ZIP: 92634
; COMPUTER READABLE FORM:

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; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.44 Mb
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257,964
; FILING DATE: June 8, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Henry, Janis C.
; REGISTRATION NUMBER: 34,347
; REFERENCE/DOCKET NUMBER: 128D-1175A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (714) 773-6971
; TELEFAX: (714) 773-7936
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-257-964-1

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1099 CTGGAGGTGACAGACTG 1117
Db      1 CTGGACGTAGTCACTG 19

RESULT 1575
US-08-379-296-19/c
; Sequence 19, Application US/08379296
; Patent No. 5525718
; GENERAL INFORMATION:
; APPLICANT: Ohashi, Tetsuo
; APPLICANT: Toda, Jum
; APPLICANT: Fukushima, Shigeru
; APPLICANT: Ozaki, Hiroko
; APPLICANT: Nishimura, Nasyuki
; APPLICANT: Shitaseki, Yoshinari
; TITLE OF INVENTION: Oligonucleotides for Detecting Bacteria
; TITLE OF INVENTION: and Detection Method Using Same
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,296
; FILING DATE: 27-JAN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/932,379
; FILING DATE: 19-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Weiner, Marc S.
; REGISTRATION NUMBER: 32,181

```

REFERENCE/DOCKET NUMBER: 2036-102P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Escherichia coli
FEATURE:
NAME/KEY: -
LOCATION: 1..21
OTHER INFORMATION: /label= oligonucleotide
OTHER INFORMATION: /note= "identification method S"
US-08-379-296-19
Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; Mismatches 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 6211 TGAATTAAGGTGGGANG 6229
Db 20 TGACTAAAAGAGGGGANG 2
RESULT 1576
US-08-136-118-3
Sequence 3, Application US/09136118
Patent No. 5580969
GENERAL INFORMATION:
APPLICANT: HOKE, Glenn D
APPLICANT: BRADLEY, Matthews O
APPLICANT: WILLIAMS, Taft J
APPLICANT: LEE, Che-Hung
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED
TITLE OF INVENTION: AGAINST HUMAN ICAM-1
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Naval Medical Res. & Dev. Cmd.
STREET: 8901 Wisconsin Ave.
CITY: Bethesda
STATE: Maryland
COUNTRY: USA
ZIP: 20889-5606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/136,118
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/918,259
FILING DATE: 24-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Spevack, A. David
REGISTRATION NUMBER: 24,743
REFERENCE/DOCKET NUMBER: N.C. 75,776
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 295-6759
TELEFAX: (202) 295-1022
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-136-118-3
Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; Mismatches 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 2652 CCACCTGTCGACAGGAG 2670
Db 3 CCACCTGCGGCGCAAGGG 21
RESULT 1577
US-08-007-997A-36/c
Sequence 36, Application US/08007997A
Patent No. 5591623
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5591623-1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/007,997A
FILING DATE: 19930121
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0709
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-007-997A-36
Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; Mismatches 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 4697 TGAAGCATGATTACTTAA 4715
Db 19 TGAAGTCATGATTCTTCA 1

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RESULT 1578
US-08-076-090-3/c
; Sequence 3, Application US/08076090
; Patent No. 5631162
; GENERAL INFORMATION:
; APPLICANT: LeBoulch, Philippe
; APPLICANT: London, Irving M.
; TITLE OF INVENTION: Retroviral Vectors for Transducing
; TITLE OF INVENTION: Beta-Globulin Gene and Beta-Locus Control Region
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kilpatrick & Cody
; STREET: 1100 Peachtree Street, Suite 2800
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.
; ZIP: 30309-4530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/076,090
; FILING DATE: 19930611
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: MIT 6128
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 815-6508
; TELEFAX: (404) 815-6555
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; CELL TYPE: Beta-globin gene
;
US-08-076-090-3

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTT 4481
Db 21 CTTCTTTTCTTCT 3

RESULT 1579
US-08-076-090-4
; Sequence 4, Application US/08076090
; Patent No. 5631162
; GENERAL INFORMATION:
; APPLICANT: LeBoulch, Philippe
; APPLICANT: London, Irving M.
; APPLICANT: Tuan, Dorothy
; TITLE OF INVENTION: Retroviral Vectors for Transducing
; TITLE OF INVENTION: Beta-Globulin Gene and Beta-Locus Control Region
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Kilpatrick & Cody
; STREET: 1100 Peachtree Street, Suite 2800
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.
; ZIP: 30309-4530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/076,090
; FILING DATE: 19930611
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: MIT 6128
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 815-6508
; TELEFAX: (404) 815-6555
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; CELL TYPE: Beta-globin gene
;
US-08-076-090-4

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6952 AGAAGGAGGGGAGGAA 6970
Db 1 AGAAAAAGAGGGGAAAGAA 19

RESULT 1580
US-08-445-746-6
; Sequence 6, Application US/08445746
; Patent No. 5709865
; GENERAL INFORMATION:
; APPLICANT: Jan van den Hurk and Peter Tjissen
; TITLE OF INVENTION: Bovine Viral Diarrhea Virus Group II
; TITLE OF INVENTION: 9P53 Compositions and Methods
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,746
; FILING DATE: 22-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/337,618
; FILING DATE: 10-NOV-1994
; ATTORNEY/AGENT INFORMATION:
```


NAME: Sholtz, Charles R.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 1242-0001.30
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0860
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: Primer BV7 (NADL
INDIVIDUAL ISOLATE: nucleotides 392-372)
US-08-445-746-6

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5090 ACTCCATCTGCCCTGTCCA 5108
Db 1 ACTCCATCTGCCCTGTCCA 19

RESULT 1581
US-08-438-639-1/c
Sequence 1, Application US/08438639
Patent No. 5712383
GENERAL INFORMATION:
APPLICANT: Sheridan, Patrick
APPLICANT: Chang, Chu-An
APPLICANT: Running, Joyce
APPLICANT: Urdia, Michael S.
TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
TITLE OF INVENTION: PROBES ON POLYSTYRENE SURFACES
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION - R440
STREET: P.O. Box 8097
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,639
FILING DATE: 10-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,338
FILING DATE: 23-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Kenneth, M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0232.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
FEATURE:
OTHER INFORMATION: At nucleotide 1, N is N4-(6-
OTHER INFORMATION: aminocaproyl-2-aminoethyl) cytosine.
US-08-438-639-1

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3609 TTCTTTGGGAGATGGGGTG 3627
Db 20 TTCTTTGAGAGAGTGGTG 2

RESULT 1582
US-08-446-600A-6/c
Sequence 6, Application US/08446600A
Patent No. 5719126
GENERAL INFORMATION:
APPLICANT: No. 5719126dind, James J. and Faroqui, Jamal Z.
TITLE OF INVENTION: MELANOGENIC INHIBITOR, AND METHODS OF PRODUCING AND USING THE
NUMBER OF SEQUENCES: 6
CURRENT APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Frost & Jacobs
STREET: 2500 PNC Center, 201 East Fifth St.
CITY: Cincinnati
STATE: OH
COUNTRY: USA
ZIP: 45202-4182
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 720 KB storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,600A
FILING DATE: 24 May 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/980,513
FILING DATE: 24 No. 5719126ember 1992
APPLICATION NUMBER: PCT/US93/11139
FILING DATE: 16 No. 5719126ember 1993
ATTORNEY/AGENT INFORMATION:
NAME: Ann G. Robinson
REGISTRATION NUMBER: 39,820
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 651-6128
TELEFAX: (513) 651-6981
TELEX: 21-4396 F&J Cln
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: Unknown
US-08-446-600A-6

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6461 ATACTTTTCTTCTGTTT 6479
Db 20 ATACTTTTCTTCTTCTT 2

RESULT 1583
US-07-813-338A-1/c
Sequence 1, Application US/07813338A
Patent No. 5747244

GENERAL INFORMATION:
APPLICANT: Sheridan, Patrick
APPLICANT: Chang, Chu-An
APPLICANT: Running, Joyce
APPLICANT: Urdia, Michael S.
TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
TITLE OF INVENTION: PROBES ON POLYSTYRENE SURFACES
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION - R440
STREET: P.O. Box 8097
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/813,338A
FILING DATE: 23-DEC-1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Kenneth, M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0232.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
OTHER INFORMATION: At nucleotide 1, N is N4-(6-aminocaproyl-2-aminoethyl) cytosine.
US-07-813-338A-1

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 TTCTTTGGGGAATGGGGTG 3627
DB 20 TTCTTTGGAGAAAGTG 2

RESULT 1584
US-08-211-430-8/c
Sequence 8, Application US/08211430
Patent No. 5763166
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NUCLEIC SEQUENCE OF THE GENE ASSOCIATED WITH
TITLE OF INVENTION: X CHROMOSOME LINKED KALLMANN SYNDROME, CORRESPONDING
TITLE OF INVENTION: PEPTIDE SEQUENCES, DIAGNOSTIC APPLICATIONS.
NUMBER OF SEQUENCES: 32
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/211,430
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-211-430-8

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5527 TATTCCTTTGAAAGTG 5545
DB 20 TATTCCTGTATGATG 2

RESULT 1585
US-08-753-147-24
Sequence 24, Application US/08753147
Patent No. 5770372
GENERAL INFORMATION:
APPLICANT: Concannon, Patrick
TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
NUMBER OF SEQUENCES: 196
CORRESPONDENCE ADDRESS:
ADDRESSEE: Christensen O'Connor Johnson and Kindness
STREET: 1420 5th Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98101-2347
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/753,147
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sheiness, Diana K.
REGISTRATION NUMBER: 35,356
REFERENCE/DOCKET NUMBER: VMRC-1-9714
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 743-4387
TELEFAX: (206) 224 0779
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-753-147-24

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3449 TACTTCTCTCCCTGACAG 3467
DB 2 TATTCTCTTCTCTAAG 20

RESULT 1586
US-08-592-936B-19

Sequence 19, Application US/08592936B
Patent No. 5783393
GENERAL INFORMATION:
APPLICANT: Kellogg, J111 A.
APPLICANT: Bestwick, Richard K.
TITLE OF INVENTION: PLANT TISSUE / STAGE SPECIFIC PROMOTERS FOR
NUMBER OF INVENTION: REGULATED EXPRESSION OF TRANSGENES IN PLANTS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dellinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: DOS
SOFTWARE: PASTSEQ for windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/592,936B
FILING DATE: 29-JAN-1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Susan T.
REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 4257-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: PGIP Pct3' Primer
US-08-592-936B-19
Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2023 GGGAAAAACCTTATCA 2041
DB 2 GGGGAAAAACCGTCTATCA 20
RESULT 1587
US-08-110-691A-30
Sequence 30, Application US/08110691A
Patent No. 5795114
GENERAL INFORMATION:
APPLICANT: Cantor, Charles, R.
APPLICANT: PRZETAKIEWICZ, Mark
TITLE OF INVENTION: A METHOD FOR REPLICATING AN
NUMBER OF INVENTION: ARRAY OF NUCLEIC ACID PROBES (as amended)
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Baker & Botts, LLP
STREET: 1299 Pennsylvania Avenue, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS
SOFTWARE: PASTSEQ for windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,691A
FILING DATE: 23-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/972,012
FILING DATE: 06-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36,902
REFERENCE/DOCKET NUMBER: 16865-0124
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-639-7700
TELEFAX: 202-639-7890
TELEX:
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-110-691A-30
Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 2e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
QY 3128 TTGCTAGTCACTCTGTAG 3148
DB 1 TTGCTAGCTCACTCTGAG 21
RESULT 1588
US-08-465-590-34
Sequence 34, Application US/08465590
Patent No. 5824770
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 STATE STREET, Suite 510
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Aecii (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,590
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,212
FILING DATE: 02-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/121,438
FILING DATE: 14-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Paul L.
REGISTRATION NUMBER: 35,695
REFERENCE/DOCKET NUMBER: MPG-006C2DV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-465-590-34

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 567 TGGGGAAGGAGGATCGA 585
DB 1 TGGGGAAGGAGGAGGGA 19

RESULT 1589
US-08-472-659-27
Sequence 27, Application US/08472659
Patent No. 5831030
GENERAL INFORMATION:
APPLICANT: TSUJIMOTO, Masefumi
APPLICANT: IWASA, Fuyuki
APPLICANT: TSUBOIJOKA, No. 5831030uo
APPLICANT: NAKAZATO, Hiroshi
APPLICANT: MURA, Kenju
APPLICANT: ISHIDA, No. 5831030uhiro
APPLICANT: KURIHARA, Tatsuya
APPLICANT: YAMAUCHI, Kozo
APPLICANT: YAMAGUCHI, No. 5831030omi
TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
City: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,659
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 4-212305
FILING DATE: 17-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 5-067339
FILING DATE: 04-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/091,028
FILING DATE: 14-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-472-659-27

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3500 TGGCACTTAGCTTTGAGT 3518
DB 2 TGGCACTTAGCTTTGAGT 20

RESULT 1590
US-08-538-816A-6/c
Sequence 6, Application US/08538816A
Patent No. 5831051
GENERAL INFORMATION:
APPLICANT: Mojsov, Svetlana
APPLICANT: Wei, Yang
TITLE OF INVENTION: RECEPTOR FOR PEPTIDE HORMONES INVOLVED
TITLE OF INVENTION: IN ENERGY HOMEOSTASIS AND METHOD AND COMPOSITIONS FOR USE
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
City: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/538,816A
FILING DATE: 03-OCTOBER-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/437,466
FILING DATE: 09-MAY-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
DESCRIPTION: Primer for amplification of the cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-538-816A-6

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4380 ATTTGCTGCTCCCTATTG 4398
DB 19 ATCTTGCTGAGGCTATTG 1

RESULT 1591

US-08-639-080-31
Sequence 31, Application US/08639080
Patent No. 584361
GENERAL INFORMATION:
APPLICANT: Rothmund, Paul W.K.
TITLE OF INVENTION: METHOD FOR CONSTRUCTING UNIVERSAL DNA
TITLE OF INVENTION: BASED MOLECULAR TUNING MACHINE
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Ste 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/639,080
FILING DATE: April 24, 1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Harris, Scott C.
REGISTRATION NUMBER: 32,030
REFERENCE/DOCKET NUMBER: 06618/129001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 678-5070
TELEFAX: (619) 678-5099
TELEX:
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: oligonucleotide
US-08-639-080-31

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 5986 CCACTGTGTGAAGTCAG 6004
DB 1 CCAACGAGTGTGATGTCAG 19

RESULT 1592
US-08-440-740A-36/C
Sequence 36, Application US/08440740A
Patent No. 5843738
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/440,740A
FILING DATE: May 12, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-440-740A-36

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3;

QY 4697 TGAAGCATGATGATCTTA 4715
DB 19 TGAAGTCATGATGCTTCA 1

RESULT 1593
US-08-808-474A-31/C
Sequence 31, Application US/08808474A
Patent No. 5856103
GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas
STATE: Texas
COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDAL:001
TELECOMMUNICATION INFORMATION:

TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-808-474A-31

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATTACTTTA 4715
DB 19 TGAAGCATGATTGCTTCA 1

RESULT 1594
US-08-173-489C-115/C
Sequence 115, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: beta-globin gene (accession # V00499)
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Lawn, R M, Efstratiadis, A, O'Connell,
AUTHORS: C, Maniatis, T.
TITLE: The nucleotide sequence of
TITLE: the human beta-globin gene

JOURNAL: Cell
VOLUME: 2178
PAGES: 647-651
DATE: 1980
RELEVANT RESIDUES IN SEQ ID NO: 115 :FROM 1 TO 21
US-08-173-489C-115

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6952 AGAAGGAGGGGAGGAA 6970
DB 21 AGAAGGAGGGGAGGAA 3

RESULT 1595
US-08-173-489C-117
Sequence 117, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 117:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: beta-globin gene (accession # V00499)
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Lawn, R M, Efstratiadis, A, O'Connell,
AUTHORS: C, Maniatis, T.
TITLE: The nucleotide sequence of
TITLE: the human beta-globin gene
JOURNAL: Cell
VOLUME: 21
PAGES: 647-651

DATE: 1980
RELEVANT RESIDUES IN SEQ ID NO: 117 : FROM 1 TO 21
US-08-173-489C-117

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTCTTTT 4481
Db 1 CTTCTTTTCTTTCTTTCTT 19

RESULT 1596
US-08-173-489C-118
Sequence 118, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
FAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 118:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from beta-globin
HYPOTHEICAL: yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 118 : FROM 1 TO 21
US-08-173-489C-118

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTCTTTT 4481
Db 2 CTTCTTTTCTTTCTTTCTT 20

RESULT 1597
US-08-474-661-27
Sequence 27, Application US/08474661
Patent No. 5874253
GENERAL INFORMATION:
APPLICANT: TSUJIMOTO, Masafumi
APPLICANT: TSUJIMOTO, Masafumi
APPLICANT: IWASA, Fuyuki
APPLICANT: TSURUOKA, No. 5874253uo
APPLICANT: NAKAZATO, Hiroshi
APPLICANT: MURA, Kenju
APPLICANT: ISHIDA, No. 5874253unhiro
APPLICANT: KURIHARA, Tatsuya
APPLICANT: YAMAICHI, Kozo
APPLICANT: YAMAGUCHI, No. 5874253omi
TITLE OF INVENTION: MEGARYOCYTE DIFFERENTIATION FACTOR
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: George Mason Bldg., Washington & Prince Sts.
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,661
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/091,028
FILING DATE: 14-JUL-1993
APPLICATION NUMBER: JP 4-212305
FILING DATE: 17-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 5-067339
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: REA, TERESA STANER
REGISTRATION NUMBER: 30,427
REFERENCE/DOCKET NUMBER: 001560-204
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
FAX: (703) 836-6620
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-474-661-27

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3500 TGGCCTTACCTTTGAAGT 3518
Db 2 TGGCCTTGGCTTTGAAGT 20

RESULT 1598
US-08-740-215B-3/C
Sequence 3, Application US/08740215B
Patent No. 5874566
GENERAL INFORMATION:
APPLICANT: Veerapanane, Dange
APPLICANT: Hamanaka, Shoji
APPLICANT: No. 5874566awa, Iwao

TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
TITLE OF INVENTION: EXPRESSION OF INTERLEUKIN GENES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hovey, Williams, Timmons & Collins
STREET: 2405 Grand Boulevard, Suite 400
CITY: Kansas City
STATE: Missouri
COUNTRY: U.S.A.
ZIP: 64108
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/740,215B
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Collins, John M.
REGISTRATION NUMBER: 26262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (816) 474-9050
TELEFAX: (816) 474-9057
INFORMATION FOR SEQ. ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-740-215B-3

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5321 TCCTTTCTCTCTGGCT 5339
DB 20 TCCTTTCTCTCTCTCTCT 2

RESULT 1599
US-09-076-651-6/C
Sequence 6, Application US/09076651
Patent No. 5882899
GENERAL INFORMATION:
APPLICANT: Mojsov, Svetlana
TITLE OF INVENTION: RECEPTOR FOR PEPTIDE HORMONES INVOLVED
TITLE OF INVENTION: IN ENERGY HOMEOSTASIS AND METHOD AND COMPOSITIONS FOR USE
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/076,651
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/538,816
FILING DATE: 03-OCTOBER-1995
APPLICATION NUMBER: US 08/437,466

FILING DATE: 09-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-136 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ. ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
DESCRIPTION: Primer for amplification of the cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-09-076-651-6

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4380 ATTTCGTCTCCCTATTG 4398
DB 19 ATTTCGTCTCCGCTATTG 1

RESULT 1600
US-08-344-155C-36/C
Sequence 36, Application US/08344155C
Patent No. 5883082
GENERAL INFORMATION:
APPLICANT: Bennett and Stepkowski
TITLE OF INVENTION: Compositions and Methods for Preventing
TITLE OF INVENTION: and Treating Allograft Rejection
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,155C
FILING DATE: No. 5883082ember 23, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
FILING DATE: 5/17/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,997
FILING DATE: 1/21/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/939,855
FILING DATE: 9/2/92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,286

FILING DATE: 8/14/90
ATTORNEY/AGENT INFORMATION:
NAME: Jane Masbey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0098
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-344-155C-36

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATTACTTGA 4715
DB 19 TGAAGCATGATTGCTTCA 1

RESULT 1601
US-09-111-573-19
Sequence 19, Application US/09111573
Patent No. 5929302
GENERAL INFORMATION:
APPLICANT: Kellogg, JILL A.
APPLICANT: Bestwick, Richard K.
TITLE OF INVENTION: PLANT TISSUE / STAGE SPECIFIC PROMOTERS FOR
TITLE OF INVENTION: REGULATED EXPRESSION OF TRANSGENES IN PLANTS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dellinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/111,573
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,936
FILING DATE: 29-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Susan T.
REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 4257-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE: PGIP Pct3' primer
INDIVIDUAL ISOLATE: PGIP Pct3' primer

US-09-111-573-19

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2023 GGGAACCAACCTTCATCA 2041
DB 2 GGCGAACAACCTTCATCA 20

RESULT 1602
US-09-213-767-3/C
Sequence 3, Application US/09213767
Patent No. 5948680
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Coweart
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
CURRENT APPLICATION NUMBER: US/09/213,767
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-213-767-3

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5540 AAGGTGATGCAGATG 5558
DB 21 AAGGTGATGCAGAG 3

RESULT 1603
US-08-611-977-27
Sequence 27, Application US/08611977
Patent No. 5972886
GENERAL INFORMATION:
APPLICANT: TSUJIMOTO, Masaaki
APPLICANT: TSUJIMOTO, Fuyuki
APPLICANT: IWASA, Fuyuki
APPLICANT: TSUBOUOKA, No. 5972886uo
APPLICANT: NAKAZATO, Hiroshi
APPLICANT: MURA, Kenju
APPLICANT: ISHIDA, No. 5972886uhiro
APPLICANT: KURIHARA, Tatsuya
APPLICANT: YAMAICHI, Kozo
APPLICANT: YAMAGUCHI, No. 5972886oni
TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/611,977
FILING DATE: 06-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 08/091,028
; FILING DATE: 14-JUL-1993
; PRIORITY APPLICATION DATA: JP 4-212305
; APPLICATION NUMBER: JP 4-212305
; FILING DATE: 17-JUL-1992
; PRIORITY APPLICATION DATA: JP 6-067339
; APPLICATION NUMBER: JP 6-067339
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 001560-204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-611-977-27

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3500 TGGCACTTACGCTTGAAGT 3518
Db      2 TGCACACTGCTTGAAGT 20

RESULT 1604
US-08-867-941-48
; Sequence 48, Application US/08867941
; Patent No. 5977337
; GENERAL INFORMATION:
; APPLICANT: Loosmore, Sheena M
; APPLICANT: Du, Run-Pan
; APPLICANT: Wang, Qui-Jun
; APPLICANT: Yang, Yan-Ping
; APPLICANT: Klein, Michel H
; TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Sim & McBurney
; STREET: 6th Floor, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/867,941
; FILING DATE: 03-JUN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Michael I
; REGISTRATION NUMBER: 24,973
; REFERENCE/DOCKET NUMBER: 1038-681 MTS:jb
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 595-1155
; TELEFAX: (416) 595-1163
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

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; TOPOLOGY: linear
; US-08-867-941-48

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5367 GGCTGAATGCAATTTTA 5385
Db      2 GCTTGAATGCAATTTTA 20

RESULT 1605
US-08-487-799-75/c
; Sequence 75, Application US/08487799C
; Patent No. 6010908
; GENERAL INFORMATION:
; APPLICANT: Gruenert, Dieter C.
; APPLICANT: Kunzelmann, Karl
; TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
; FILE REFERENCE: 480.18-1(HV)
; CURRENT APPLICATION NUMBER: US/08/487,799C
; CURRENT FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 07/933,471
; EARLIER FILING DATE: 1992-08-21
; EARLIER APPLICATION NUMBER: 08/409,544
; EARLIER FILING DATE: 1995-03-24
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 75
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; US-08-487-799-75

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7422 CAGCAGCAGCAGCAGCAATT 7440
Db      21 CAGCAGCAGCAGCAGCAATT 3

RESULT 1606
US-08-804-439A-31
; Sequence 31, Application US/08804439A
; Patent No. 6015565
; GENERAL INFORMATION:
; APPLICANT: Rose, Timothy M.
; APPLICANT: Bosch, Marnix L.
; APPLICANT: Strand, Kurt
; TITLE OF INVENTION: GLYCOPROTEIN B OF THE RRV/KSHV
; TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Ste 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/804,439A
; FILING DATE: February 21, 1997
```

CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Halie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09176/004001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 678-5070
TELEFAX: (619) 678-5099
TELEX:
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-804-439A-31

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5986 CCAACTGTGTGAGTCAG 6004
DB 1 CCAACGAGTGTGATGCAG 19

RESULT 1607
US-09-008-722-6
Sequence 6, Application US/09008722
Patent No. 6015795
GENERAL INFORMATION:
APPLICANT: Jan van den Hurk and Peter Tjissen
TITLE OF INVENTION: Bovine Viral Diarrhea Virus Group II
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/008,722
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/445,746
FILING DATE: 22-MAY-1995
APPLICATION NUMBER: US 08/337,618
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 1242-0001.30
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE: Primer BV7 (NADL
INDIVIDUAL ISOLATE: Primer BV7 (NADL

INDIVIDUAL ISOLATE: nucleotides 392-372)
US-09-008-722-6
Query Match: 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5090 ACTGCATGCGCCGTCGA 5108
DB 1 ACTCCATGTCGATGACA 19

RESULT 1608
US-08-982-845B-36/C
Sequence 36, Application US/08982845B
Patent No. 6015894
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabeili
TITLE OF INVENTION: Oligonucleotide Modulation
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982,845B
FILING DATE: December 2, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 21, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0243
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-982-845B-36

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATCTTCA 4715

Db 19 TGAAGCATGATCTTCA 1

RESULT 1609

US-08-720-229-31

Sequence 31, Application US/08720229

Patent No. 602342

GENERAL INFORMATION:

APPLICANT: Rose, Timothy M.

APPLICANT: Bosch, Marnix L.

APPLICANT: Strand, Kurt

TITLE OF INVENTION: GLYCOPROTEIN B OF THE HERV/KSHV

TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES

NUMBER OF SEQUENCES: 100

CORRESPONDENCE ADDRESS:

ADDRESSEE: Morrison & Foerster

STREET: 755 Page Mill Road

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/720,229

FILING DATE: 26-SEP-1996

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Schiff, J. Michael

REGISTRATION NUMBER: 40,253

REFERENCE/DOCKET NUMBER: 29938-20002.00

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 813-5600

TELEFAX: (415) 494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-720-229-31

Query Match 0.2%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5986 CCAACTGTGTGAAGTCA 6004

Db 1 CCAACGAGTGTGATGTGAG 19

RESULT 1610

US-09-081-180-28/c

Sequence 28, Application US/09081180

Patent No. 602347

GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

TITLE OF INVENTION: SECRETED SALIVARY ZSIG32

TITLE OF INVENTION: POLYPEPTIDES

NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:

ADDRESSEE: Zymogenetics

STREET: 1201 Eastlake Ave. E.

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98102

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/081,180

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/041,263

FILING DATE: March 19, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Lingenfelter, Susan E

REGISTRATION NUMBER: 41,156

REFERENCE/DOCKET NUMBER: 97-17C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-442-6675

TELEFAX: 206-442-6678

TELEX:

INFORMATION FOR SEQ ID NO: 28:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

IMMEDIATE SOURCE:

CLONE: ZC5020

US-09-081-180-28

Query Match 0.2%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4627 GGAAGTTGCACTTCAGTG 4645

Db 19 GGAAGTTGCCACTCCAGTG 1

RESULT 1611

US-09-040-786-28/c

Sequence 28, Application US/09040786

Patent No. 6025197

GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

TITLE OF INVENTION: SECRETED SALIVARY ZSIG32

TITLE OF INVENTION: POLYPEPTIDES

NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:

ADDRESSEE: Zymogenetics

STREET: 1201 Eastlake Ave. E.

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98102

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/040,786

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/041,263

FILING DATE: March 19, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Lingenfelter, Susan E
REGISTRATION NUMBER: 41,156
REFERENCE/DOCKET NUMBER: 97-17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6675
TELEFAX: 206-442-6678
TELEX:
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: ZC5020
US-09-040-786-28

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4627 GGAAGTGCACCTTCAGTG 4645
DB 19 GGAAGTGCACCTTCAGTG 1

RESULT 1612
US-08-746-111-3/c
Sequence 3, Application US/08746111
Patent No. 6066778
GENERAL INFORMATION:
APPLICANT: Ginsburg, David
APPLICANT: Cui, Jisong
TITLE OF INVENTION: Compositions And Methods For Screening
TITLE OF INVENTION: Compounds For Anticoagulant Activity
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medien & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/746,111
FILING DATE: 06-NOV-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: UN-02536
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-746-111-3

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5900 ACCAGACCTGTTCCCA 5918
DB 20 ACCTTGACCTGTTCCCA 2

RESULT 1613
US-08-991-525B-36/c
Sequence 36, Application US/08991525B
Patent No. 6093811
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/991,525B
FILING DATE: December 16, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 21, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-991-525B-36

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATGCTTTA 4715
DB 19 TGAAGCATGATGCTTTA 1

RESULT 1614
US-09-085-759-36/C
Sequence 36, Application US/09085759
Patent No. 6096722
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Christopher Mirabelli,
APPLICANT: Brenda Baker
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion
TITLE OF INVENTION: Molecule-Associated Diseases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/085,759
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0311
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-085-759-36

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATTACTTTA 4715
|||||
Db 19 TGAAGTATGATTCCTTCA 1

RESULT 1615
US-09-344-914-2

Sequence 2, Application US/09344914
Patent No. 6110664
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-344-914-2

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2676 CAGTGGAGGGGAGCCAC 2694
|||||
Db 1 CAGTGGAGTGGCGTCAC 19

RESULT 1616
US-08-974-549A-514
Sequence 514, Application US/08974549A
Patent No. 6166178
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morlin, Gregg B.
APPLICANT: Harley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312

;; FILING DATE: 14-AUG-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/912,951
;; FILING DATE: 14-AUG-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/915,503
;; FILING DATE: 14-AUG-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: WO PCT/US97/17618
;; FILING DATE: 01-OCT-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: WO PCT/US97/17885
;; FILING DATE: 01-OCT-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Apple, Randolph Ted
;; REGISTRATION NUMBER: 36,429
;; REFERENCE/DOCKET NUMBER: 015389-002610US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 576-0200
;; TELEFAX: (415) 576-0300
;; INFORMATION FOR SEQ ID NO: 514:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "phosphorothioate"
;; FEATURE:
;; NAME/KEY: -
;; LOCATION: 1..21
;; OTHER INFORMATION: /note = "2110-2130 primer"
US-08-974-549A-514

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 GTGGCCCTGCATGTGA 841
DB 1 GTGGCCGAGCCCTGTGA 19

RESULT 1617
US-09-128-496-36/c
; Sequence 36, Application US/09128496
; Patent No. 6169079
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marilton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/128,496
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151

;; FILING DATE: February 10, 1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 007,997
;; FILING DATE: January 20, 1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 939,855
;; FILING DATE: September 2, 1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 567,286
;; FILING DATE: August 14, 1990
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0133
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (609) 779-2400
;; TELEFAX: (609) 779-8488
;; INFORMATION FOR SEQ ID NO: 36:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-128-496-36

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATTTACTTTA 4715
DB 19 TGAAGTCATGATTTCTTCA 1

RESULT 1618
US-09-235-614-31/c
; Sequence 31, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: S-ASO
US-09-235-614-31

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATTTACTTTA 4715
DB 19 TGAAGTCATGATTTCTTCA 1

RESULT 1619
US-09-074-658-48
; Sequence 48, Application US/09074658

```
; Patent No. 6184371
; GENERAL INFORMATION:
; APPLICANT: Loosmore, Sheena M
; APPLICANT: Run-Pan Du
; APPLICANT: Qun-Jun Wang
; APPLICANT: Yang, Yan-Ping
; APPLICANT: Klein, Michel H
; TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA
; NUMBER OF SEQUENCES: 78
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: 6th Floor, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/074,658
; FILING DATE: 08-MAY-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Michael I
; REGISTRATION NUMBER: 24,973
; REFERENCE/DOCKET NUMBER: 1038-795
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 595-1155
; TELEFAX: (416) 595-1163
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-074-658-48

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5367 GCGTGAATGCATTTT 5385
DB      2 GCTGTGAATGAAGTTT 20

RESULT 1620
US-09-045-054-34/c
; Sequence 34, Application US/09045054
; Patent No. 6200754
; GENERAL INFORMATION:
; APPLICANT: HOUSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/045,054
; CURRENT FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Glutamate-ammonia ligase (glutamine synthase)
; FEATURE:
; OTHER INFORMATION: The letter "r" stands for a or g.
```

```
US-09-045-054-34

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 2e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY      4466 TTTTCTTTTCTTCTTC 4486
DB      21 TTTTCTTTTATGTTAGC 1

RESULT 1621
US-08-711-417C-34
; Sequence 34, Application US/08711417C
; Patent No. 6228611
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Kalia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 202
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/711,417C
; FILING DATE: 05-Sep-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 08/121,438
; FILING DATE: 14-SEP-1993
; APPLICATION NUMBER: 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Louis P.
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: 10287/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-08-711-417C-34

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      567 TGGGGAAGGAGATCGA 585
DB      1 TGGGGAAGTGAAGAGGGA 19

RESULT 1622
US-08-943-731-490/c
; Sequence 490, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
```



```
APPLICANT: PROCKOP, DARWIN J.
APPLICANT: SPOTILA, LORETTA D.
APPLICANT: DELTA, CONSTANTINOS D.
APPLICANT: SEREDA, LARISSA
APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KORKKO, JARMO
APPLICANT: ALA-KORKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
STREET: FLR.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9598-27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2991
TELEX: 831-494
INFORMATION FOR SEQ ID NO: 490:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-943-731-490

Query Match      0.2%  Score 14.2;  DB 1;  Length 21;
Best Local Similarity 84.2%;  Pred. No. 2e+03;
Matches 16;  Conservative 0;  Mismatches 3;  Indels 0;  Gaps 0;

QY      2304  GCCTGGATCCTTATATT 2322
DB      21  GACTGGATCTCTTACATT 3

RESULT 1623
US-09-268-140-15/c
Sequence 15, Application US/09268140
Patent No. 6268176
GENERAL INFORMATION:
APPLICANT: Gemmili, Robert M.
APPLICANT: Dridkin, Harry A.
TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
FILE REFERENCE: 93445-00004
CURRENT APPLICATION NUMBER: US/09/268,140
CURRENT FILING DATE: 2000-03-12
```

```
PRIOR APPLICATION NUMBER: US 60/077,723
PRIOR FILING DATE: 1998-03-12
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-268-140-15

Query Match      0.2%  Score 14.2;  DB 1;  Length 21;
Best Local Similarity 84.2%;  Pred. No. 2e+03;
Matches 16;  Conservative 0;  Mismatches 3;  Indels 0;  Gaps 0;

QY      6730  GAATACCTTCCTCTTAAA 6748
DB      21  GAATACCTGCCTCTTAGA 3

RESULT 1624
US-09-068-319-3
Sequence 3, Application US/09068319A
Patent No. 6277560
GENERAL INFORMATION:
APPLICANT: Jean-Marie Andrieu
APPLICANT: Wei Lu
TITLE OF INVENTION: MICROORGANISM QUANTITATION DETECTION
FILE REFERENCE: 31736 PCT USA 072995
CURRENT APPLICATION NUMBER: US/09/068,319A
CURRENT FILING DATE: 1998-05-04
EARLIER APPLICATION NUMBER: PCT/FR96/01736
EARLIER FILING DATE: 1996-11-05
EARLIER APPLICATION NUMBER: 95/13093
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Hepatitis B Virus
US-09-068-319-3

Query Match      0.2%  Score 14.2;  DB 1;  Length 21;
Best Local Similarity 84.2%;  Pred. No. 2e+03;
Matches 16;  Conservative 0;  Mismatches 3;  Indels 0;  Gaps 0;

QY      1255  CAGCGCTGTATTAAGAGC 1273
DB      2  CAGCTGTATCGAGGAGC 20

RESULT 1625
US-09-109-663-49/c
Sequence 49, Application US/09109663
Patent No. 6277981
GENERAL INFORMATION:
APPLICANT: Tu, Guang-Chou
APPLICANT: Israel, Yedy
TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 9855-301
CURRENT APPLICATION NUMBER: US/09/109,663
CURRENT FILING DATE: 1998-07-03
EARLIER APPLICATION NUMBER: 60/051,705
EARLIER FILING DATE: 1997-07-03
NUMBER OF SEQ ID NOS: 81
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 49
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```


EARLIER APPLICATION NUMBER: US 60/123,904
EARLIER FILING DATE: 1999-03-11
EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 51
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC5020
US-09-522-217-51

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4627 GGGAGTGGCACTCCAGT 4645
Db 19 GGAAGTGGCACTCCAGT 1

RESULT 1629
US-09-208-394-6/c
Sequence 6, Application US/09208394
Patent No. 6316596
GENERAL INFORMATION:
APPLICANT: Mojsav, Svetlana
APPLICANT: Wei, Yang
TITLE OF INVENTION: RECEPTOR FOR PEPTIDE HORMONES INVOLVED
TITLE OF INVENTION: IN ENERGY HOMEOSTASIS AND METHOD AND COMPOSITIONS FOR USE
NUMBER OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/208,394
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/538,816
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-136 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
DESCRIPTION: Primer for amplification of the cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-09-208-394-6
Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4380 ATTTGCTGCTCCTATTG 4398
Db 19 ATTTGCTGCTCCTATTG 1

RESULT 1630
US-09-177-650-23
Sequence 23, Application US/09177650
Patent No. 6413719
GENERAL INFORMATION:
APPLICANT: Leppert, Mark F.
APPLICANT: Singh, Nanda
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)
FILE REFERENCE: 2323-134
CURRENT APPLICATION NUMBER: US/09/177,650
CURRENT FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: 60/063,147
EARLIER FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 23
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-177-650-23

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2955 AAGACAGACCGCCAGC 2973
Db 1 AAGACAGACCGCCAGC 19

RESULT 1631
US-09-328-174A-74
Sequence 74, Application US/09328174A
Patent No. 6448003
GENERAL INFORMATION:
APPLICANT: Guida, Marco
APPLICANT: Kurch, Janice
TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
TITLE OF INVENTION: (STP2)
FILE REFERENCE: 4389-6 (formerly SEQ-16P)
CURRENT APPLICATION NUMBER: US/09/328,174A
CURRENT FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 09/328,174
PRIOR FILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 110
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 74
LENGTH: 21
TYPE: DNA
ORGANISM: H. sapiens
US-09-328-174A-74

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4386 CTGCTCCATTGCTTCTG 4404
Db 2 CAGCGCATATTGCTTCTG 20

RESULT 1632
US-08-912-951-281
Sequence 281, Application US/08912951
Patent No. 6475789
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
THERAPEUTIC METHODS
TITLE OF INVENTION: 335
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,951
FILING DATE: 14-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 281:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphothiolate"
US-08-912-951-281

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 GTGGCGCCCTGCATGNGA 841
|||||
Db 1 GTGGCGCCAGCCCTGTGGA 19
|||||

RESULT 1633
US-09-506-286B-60/c
Sequence 60, Application US/09506286B
Patent No. 6482414
GENERAL INFORMATION:
APPLICANT: Dowling, Patricia W.
APPLICANT: Younger, Julius S.
APPLICANT: The University of Pittsburgh, of the Commonwealth
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
FILE REFERENCE: EQ-1-C2
CURRENT APPLICATION NUMBER: US/09/506,286B
CURRENT FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: 09/133,921
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR FILING DATE: 1999-08-12
NUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 60
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-506-286B-60

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7318 GTGTTGTGCTGCTTTG 7336
|||||
Db 21 GTTTTGTACCTGCTTTG 3
|||||

RESULT 1634
US-09-859-773A-4/c
Sequence 4, Application US/09859773A
Patent No. 6495132
GENERAL INFORMATION:
APPLICANT: Sano, Ken-ichi
APPLICANT: Maeda, Ken-ichi
APPLICANT: Maeda, Yuichiro
TITLE OF INVENTION: A method for producing polypeptides
FILE REFERENCE: 1490.004
CURRENT APPLICATION NUMBER: US/09/859,773A
CURRENT FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: JP P2000-144518
PRIOR FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 11
SEQ ID NO 4
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-859-773A-4

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1918 CTTGCTGCATTACACAA 1936
|||||
Db 20 CATGCTGCTTACACAA 2
|||||

```
RESULT 1635
US-09-636-382A-10/c
; Sequence 10, Application US/09636382A
; Patent No. 6514741
; GENERAL INFORMATION:
; APPLICANT: Preenell, Scott R.
; TITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYPI
; FILE REFERENCE: 99-21
; CURRENT APPLICATION NUMBER: US/09/636,382A
; CURRENT FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 60/149,563
; PRIOR FILING DATE: 1999-08-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZCS020
US-09-636-382A-10

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4627 GGGAGTTCACACTTCAGTG 4645
Db      19 CGAGTTCACACTTCAGTG 1

RESULT 1636
US-09-422-978-6188
; Sequence 6188, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-9587 for SEQ 2254,
US-09-422-978-6188

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3962 TTTCATATTTCTTACTG 3980
Db      3 TTTCACATTTCTTACTG 21

RESULT 1637
US-09-422-978-8873/c
```

```
; Sequence 8873, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8873
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-1683 for SEQ 1008, in complem
US-09-422-978-8873

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7111 AATGAATTAATTTCTCTG 7129
Db      19 AGATGAGATTATTCTCTG 1

RESULT 1638
US-09-422-978-10601
; Sequence 10601, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10601
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-16432 for SEQ 2736, in comple
US-09-422-978-10601

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4150 TGATTGTCTCTGACCTG 4168
Db      3 TGATTGTCTCTGATTG 21
```

```
RESULT 1639
US-09-422-978-10694
; Sequence 10694, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10694
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-19228 for SEQ 2829, in complem
US-09-422-978-10694

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6890 TGGTGTCTCTCCCTACTCT 6908
Db      2 TGGTGTCTCTCTCTCTCTCT 20

RESULT 1640
US-09-422-978-10757
; Sequence 10757, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10757
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-19651 for SEQ 2892, in complet
US-09-422-978-10757

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6110 CTGAGATTGTCTTAGGTT 6128
```

```
Db      1 CTGAGATTGTCTTAGGCT 19

RESULT 1641
US-09-422-978-11155
; Sequence 11155, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11155
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3013 for SEQ 3290, in compleme
US-09-422-978-11155

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5328 CTCTTGTGCTCCTACTCTC 5346
Db      3 CCCACTTTCTCCTACTCTC 21

RESULT 1642
US-09-422-978-11515
; Sequence 11515, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11515
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-892 for SEQ 3650, in compleme
US-09-422-978-11515

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7021 ACAGAGCAATAGGAAC 7039

Db 3 ACAGAGCAATAGGAAC 21

RESULT 1643
US-09-422-978-11524

Sequence 11524, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Ballelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT FILING DATE: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 11524

LENGTH: 21

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..21

OTHER INFORMATION: downstream amplification primer 99-9113 for SEQ 3659, in complem

US-09-422-978-11524

Query Match

Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7098 TAGCAATAGCAAAAATGA 7116

Db 1 TAGCAATAGCAAAAATGA 19

RESULT 1644

US-09-404-641-29/c

Sequence 29, Application US/09404641

Patent No. 6576744

GENERAL INFORMATION:

APPLICANT: Presnell, Scott R.

APPLICANT: Conklin, Darrell C.

APPLICANT: No. 6576744k, Julia E.

APPLICANT: Hammond, Angela K.

TITLE OF INVENTION: CYTOKINE RECEPTOR ZAP1H11

FILE REFERENCE: 98-55

CURRENT FILING DATE: US/09/404,641

EARLIER FILING DATE: 1999-09-23

EARLIER FILING DATE: 1998-09-23

EARLIER FILING DATE: 1999-03-09

EARLIER FILING DATE: 1999-03-09

EARLIER FILING DATE: 1999-07-06

NUMBER OF SEQ ID NOS: 91

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 29

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..21

Query Match

Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4627 GGGAGTGCACATCAGTG 4645

Db 19 GGGAGTGCACATCAGTG 1

RESULT 1645

US-09-175-684A-16

Sequence 16, Application US/09175684A

Patent No. 6593463

GENERAL INFORMATION:

APPLICANT: Chen, Li How

APPLICANT: Meade, Harry M.

TITLE OF INVENTION: NOVEL MODIFIED MSP-1 NUCLEIC ACID

TITLE OF INVENTION: SEQUENCES AND METHODS FOR INCREASING MRNA LEVELS AND PROTEIN

FILE REFERENCE: 10275-13301

CURRENT FILING DATE: US/09/175,684A

EARLIER FILING DATE: 1998-10-20

EARLIER FILING DATE: 1998-05-15

EARLIER FILING DATE: 1997-10-20

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 16

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetically generated primer

US-09-175-684A-16

Query Match

Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3576 GGTATGCTGACAGTCG 3594

Db 3 GGTATGCTGACAGTCG 21

RESULT 1646

US-09-923-246-11/c

Sequence 11, Application US/09923246

Patent No. 6605272

GENERAL INFORMATION:

APPLICANT: Presnell, Scott R.

APPLICANT: Sprechet, Cindy A.

APPLICANT: Foster, Donald C.

APPLICANT: Holly, Richard D.

APPLICANT: Gross, Jane A.

APPLICANT: Johnston, Janet V.

APPLICANT: Nelson, Andrew J.

APPLICANT: Dillon, Stacey R.

APPLICANT: Hammond, Angela K.

TITLE OF INVENTION: NOVEL CYTOKINE ZAP1H11 LIGAND

FILE REFERENCE: 99-16

CURRENT FILING DATE: US/09/923,246

EARLIER FILING DATE: 2001-08-03

EARLIER FILING DATE: 2000-03-09

EARLIER FILING DATE: 1999-03-11

EARLIER FILING DATE: 1999-07-01

NUMBER OF SEQ ID NOS: 115

SOFTWARE: FastSeq for Windows Version 3.0

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; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC5020
US-09-923-246-11
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```
Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      4627 GGGAGTTGCAACTTCAGTG 4645
          |||||
Db       19 GGAAGTTCACATCTCAGTG 1
```

```
RESULT 1647
US-09-923-246-51/c
; Sequence 51, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAN1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; PRIOR APPLICATION NUMBER: 2001-08-03
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 51
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC5020
US-09-923-246-51
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Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      4627 GGGAGTTGCAACTTCAGTG 4645
          |||||
Db       19 GGAAGTTCACATCTCAGTG 1
```

```
RESULT 1648
US-09-402-181B-514
; Sequence 514, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
```

```
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenbush, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 514:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate"
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..21
; OTHER INFORMATION: /note="2110-2130 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 514:
US-09-402-181B-514

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      823 GTGGCCCTGCCATGTGGA 841
          |||||
Db       1 GTGGCCAGGCGCTGTGGA 19

RESULT 1649
US-09-721-456-514
; Sequence 514, Application US/09721456
; Patent No. 6617110
; GENERAL INFORMATION:
```


APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/721,456
FILING DATE: 22-NOV-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
APPLICATION NUMBER: US/08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US/08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US/08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US/08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US/08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US/08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US/08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 514:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate"
FEATURE:
NAME/KEY: -
LOCATION: 1..21
OTHER INFORMATION: /note= "2110-2130 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 514:
US-09-721-456-514

Query Match 0.24; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.24; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 GTGGCCCTGCATGTGGA 841
Db 1 GTGGCCAGGCCCTGTGGA 19
RESULT 1650
US-09-486-147-19
Sequence 19, Application US/09486147
Patent No. 6627745
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as
represented by the Secretary, Department of Health and Human
Services
APPLICANT: Daniel L. Kastner
APPLICANT: Ivona Aksenitjevich
APPLICANT: Michael Centola
APPLICANT: Zuoming Deng
APPLICANT: Raman Sood
APPLICANT: Francis S. Collins
APPLICANT: Trevor Blake
APPLICANT: P. Paul Liu
APPLICANT: Deborah Gumucio
APPLICANT: Robert I. Richards
APPLICANT: Darrell O. Riche
APPLICANT: No. 6627745man A. Doggett
TITLE OF INVENTION: IDENTIFICATION OF THE GENE CAUSING
FILE REFERENCE: 14014.031401
CURRENT APPLICATION NUMBER: US/09/486,147
PRIOR FILING DATE: 2000-08-07
PRIOR APPLICATION NUMBER: PCT/US98/17255
PRIOR FILING DATE: 1998-08-20
PRIOR APPLICATION NUMBER: 60/056,217
NUMBER OF SEQ ID NOS: 45
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19
LENGTH: 21
TYPE: DNA
ORGANISM: homo sapiens
FEATURE:
US-09-486-147-19
Query Match 0.24; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.24; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 7229 TTATCCTCTCAAGTCCAG 7247
Db 1 TTCTCCCTATCAATCCAG 19
RESULT 1651
US-09-723-909-34
Sequence 34, Application US/09723909
Patent No. 6630141
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: Windows 95

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SOFTWARE: FastSeq for Windows Version 2.0b
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/723,909
; FILING DATE: 28-No. 6630141-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/711,417
; FILING DATE: 05-Sep-1996
; APPLICATION NUMBER: 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 08/121,438
; FILING DATE: 14-SEP-1993
; APPLICATION NUMBER: 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Louis P.
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: 10287/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-723-909-34

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      567 TGGGGAAGGAGAGATCGA 585
Db      1 TGGGGAAGTCAAGAGGGA 19

RESULT 1652
US-09-908-410-9/c
; Sequence 9, Application US/0908410
; Patent No. 6664059
; GENERAL INFORMATION:
; APPLICANT: Hogan, Kirk J.
; APPLICANT: Brunson, David B.
; APPLICANT: Roberts, Monica C.
; APPLICANT: Mickelson, James R.
; TITLE OF INVENTION: Assay For Propensity For Canine Malignant Hyperthermia
; FILE REFERENCE: 96026.98148
; CURRENT APPLICATION NUMBER: US/09/908,410
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Human RYR bases 698-718.
US-09-908-410-9

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4200 AGATGGGCTCAGGCTCA 4218
Db      21 AGATGGGCTCATGTTCA 3
```

```
RESULT 1653
US-09-726-774-54/c
; Sequence 54, Application US/09726774
; Patent No. 6677153
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-09-726-774-54

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5886 CTTGACTGCAGAGACCAA 5904
Db      21 CTTGAGTCGAGAGAGGAA 3

RESULT 1654
US-09-726-774-73/c
; Sequence 73, Application US/09726774
; Patent No. 6677153
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 73
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-09-726-774-73

Query Match      0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6938 TGTTCGGCATCCAGAAA 6956
Db      20 TATTTCGGCATCCGAGTAA 2

RESULT 1655
US-09-077-734-19/c
; Sequence 19, Application US/09077734A
; Patent No. 6682885
; GENERAL INFORMATION:
; APPLICANT: KANAMARU, Ryunosuke
; APPLICANT: ISHIKAWA, Chikashi
```

```

; APPLICANT: SUZUKI, Takao
; TITLE OF INVENTION: Method for Detecting No. 6682885sense Mutations and Frameshift
; FILE OF INVENTION: Mutations
; FILE REFERENCE: 0760-0245P
; CURRENT APPLICATION NUMBER: US/09/077,734A
; CURRENT FILING DATE: 1998-06-09
; EARLIER APPLICATION NUMBER: PCT/J997/03579
; EARLIER FILING DATE: 1997-10-07
; EARLIER APPLICATION NUMBER: 7-287479 JAPAN
; EARLIER FILING DATE: 1996-10-09
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-077-734-19

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5819 TGTGATGATGAATCTCTG 5837
Db      20 TGTGATGAGGAAATATCTG 2

RESULT 1656
US-09-870-956-27
; Sequence 27, Application US/09870956
; Patent No. 6683169
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. 6683169el Compositions for the Expression of the Human Peptide
; FILE OF INVENTION: Hidelidne Transporter 1 and Methods of Use Thereof
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-27

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4735 GGCACGCTGGAGAGAG 4753
Db      2 GGCACGACGAGAGAGTNG 20

RESULT 1657
US-10-065-133A-60/c
; Sequence 60, Application US/10065133A
; Patent No. 6685946
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; APPLICANT: Youngner, Julius S.
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2-1
; CURRENT APPLICATION NUMBER: US/10/065,133A
```

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; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-065-133A-60

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      7318 GTGTTGTGTCCTGCTTG 7336
Db      21 GTTTTGTCACTGCTTTG 3

RESULT 1658
US-10-295-723-11/c
; Sequence 11, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC5020
US-10-295-723-11

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4627 GGAAGTTGCAACTTCAGTG 4645
Db      19 GGAAGTTGCCACCTCAGTG 1

RESULT 1659
US-10-295-723-51/c
; Sequence 51, Application US/10295723
```

```
Patent No. 6686178
GENERAL INFORMATION:
APPLICANT: No. 6686178ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: 09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 51
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC5020
US-10-295-723-51

Query Match
Best Local Similarity 0.2%; Score 14.2; DB 1; Length 21;
Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4627 GGAAGTTGCACTTCAGTG 4645
DB 19 GGAAGTTGCCATCTCAGTG 1

RESULT 1660
PCT-US93-08101-36/C
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESS: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08101
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
```

```
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3439
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
PCT-US93-08101-36

Query Match
Best Local Similarity 0.2%; Score 14.2; DB 1; Length 21;
Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4697 TGAAGCATGATTTACTTTA 4715
DB 19 TGAAGTCATGATTTGCTTCA 1

RESULT 1661
PCT-US94-06661-3/C
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Retroviral Vectors for Transducing
TITLE OF INVENTION: Beta-Globulin Gene and Beta-Locus Control Region
NUMBER OF SEQUENCES: 5
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06661
FILING DATE: 10-JUN-1994
CLASSIFICATION:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
CELL TYPE: Beta-globin gene
PCT-US94-06661-3

Query Match
Best Local Similarity 0.2%; Score 14.2; DB 1; Length 21;
Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTCTTTCT 4481
DB 21 CTTTCTTTTCTTTCTTTCT 3

RESULT 1662
```

PCT-US94-06661-4
; Sequence 4, Application PC/TUS9406661
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Retroviral Vectors for Transducing
; TITLE OF INVENTION: Beta-Globulin Gene and Beta-Locus Control Region
; TITLE OF INVENTION: Derivatives
; NUMBER OF SEQUENCES: 5
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06661
; FILING DATE: 10-JUN-1994
; CLASSIFICATION:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; CELL TYPE: Beta-globin gene
PCT-US94-06661-4

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6952 AGAAGGAGGAGGAGGAA 6970
Db 1 AGAAGGAGGAGGAGGAA 19

RESULT 1663
PCT-US96-09430-8/c
; Sequence 8, Application PC/TUS9609430
; GENERAL INFORMATION:
; APPLICANT: Glazer, Peter M.
; TITLE OF INVENTION: TREATMENT OF HEMOGLOBINOPATHIES
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OncorPharm, Inc.
; STREET: 200 Perry Parkway
; CITY: Gaithersburg
; STATE: Maryland
; COUNTRY: US
; ZIP: 20877
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09430
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,845
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Karta, Glenn E.
; REGISTRATION NUMBER: 30,649
; REFERENCE/DOCKET NUMBER: PA-0040
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-527-2058
; TELEFAX: 301-208-6997

; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US96-09430-8

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6952 AGAAGGAGGAGGAGGAA 6970
Db 21 AGAAGGAGGAGGAGGAA 3

RESULT 1664
PCT-US96-09430-9
; Sequence 9, Application PC/TUS9609430
; GENERAL INFORMATION:
; APPLICANT: Glazer, Peter M.
; TITLE OF INVENTION: TREATMENT OF HEMOGLOBINOPATHIES
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OncorPharm, Inc.
; STREET: 200 Perry Parkway
; CITY: Gaithersburg
; STATE: Maryland
; COUNTRY: US
; ZIP: 20877
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09430
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,845
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Karta, Glenn E.
; REGISTRATION NUMBER: 30,649
; REFERENCE/DOCKET NUMBER: PA-0040
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-527-2058
; TELEFAX: 301-208-6997
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US96-09430-9

Query Match 0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTTCTTTCTTCT 4481
Db 1 CTTTCTTTTCTTTCTTCT 19

```
RESULT 1665
PCT-US96-09430-11
; Sequence 11, Application PC/TUS9609430
; GENERAL INFORMATION:
; APPLICANT: Glazer, Peter M.
; TITLE OF INVENTION: TREATMENT OF HEMOGLOBINOPATHIES
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OncorPharm, Inc.
; STREET: 200 Perry Parkway
; CITY: Gaithersburg
; STATE: Maryland
; COUNTRY: US
; ZIP: 20877
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09430
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,845
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Karta, Glenn E.
; REGISTRATION NUMBER: 30,649
; REFERENCE/DOCKET NUMBER: PA-0040
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-527-2058
; TELEFAX: 301-208-6997
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; PCT-US96-09430-11

Query Match          0.2%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      6952 AGAAGGAGGAGGAGGAA 6970
Db      1 AGAAGGAGGAGGAGGAA 19
```

```
RESULT 1666
US-09-527-345-6/C
; Sequence 6, Application US/09527345
; Patent No. 6331413
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZS1G63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/527,345
; CURRENT FILING DATE: 1999-03-17
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-527-345-6
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 26;
Best Local Similarity 73.9%; Pred. No. 2.7e+03;
Matches 17; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4017 GAGAAAAAGAGGAAACAAA 4039
Db      26 BAAAAAAGAAAAAAGAAAAA 4
```

```
RESULT 1667
US-09-167-513-10/C
; Sequence 10, Application US/09167513
; Patent No. 638064
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Blumberg, Hal
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
; FILE REFERENCE: 97-63
; CURRENT APPLICATION NUMBER: US/09/167,513
; CURRENT FILING DATE: 1998-10-06
; EARLIER APPLICATION NUMBER: US 60/061,712
; EARLIER FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-167-513-10
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 26;
Best Local Similarity 73.9%; Pred. No. 2.7e+03;
Matches 17; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4017 GAGAAAAAGAGGAAACAAA 4039
Db      26 BAAAAAAGAAAAAAGAAAAA 4
```

```
RESULT 1668
US-09-161-939A-43/C
; Sequence 43, Application US/09161939A
; Patent No. 6486299
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A.
; TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic for
; TITLE OF INVENTION: Stroke, Hypertension, Diabetes, and Obesity
; FILE REFERENCE: 15966-527
; CURRENT APPLICATION NUMBER: US/09/161,939A
; CURRENT FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 43
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo (dt)<25>V
US-09-161-939A-43
```

```
Query Match          0.2%; Score 14.2; DB 1; Length 26;
Best Local Similarity 73.9%; Pred. No. 2.7e+03;
Matches 17; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4017 GAGAAAAAGAGGAAACAAA 4039
Db      26 BAAAAAAGAAAAAAGAAAAA 4
```

RESULT 1669
US-08-858-767-14/C
Sequence 14, Application US/08858767
Patent No. 5837468
GENERAL INFORMATION:
APPLICANT: WANG, Xun
APPLICANT: DUVICK, Jonathan P.
APPLICANT: BRIGGS, Steven P.
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
TITLE OF INVENTION: METHOD
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,767
FILING DATE: 19-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,687
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/325/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-858-767-14
Query Match 0.2%; Score 14.2; DB 1; Length 28;
Best Local Similarity 70.4%; Pred. No. 2.8e+03;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 5411 CAAGAAATAAAGCAGAGATCAGC 5437
DB 28 CAAAAAAGAAAAAAGCAGATCCGC 2
RESULT 1670
US-08-863-028-14/C
Sequence 14, Application US/08863028
Patent No. 5853991
GENERAL INFORMATION:
APPLICANT: WANG, Xun
APPLICANT: DUVICK, Jonathan P.
APPLICANT: BRIGGS, Steven P.
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
TITLE OF INVENTION: METHOD
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA

ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,028
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/858,767
FILING DATE: 19-MAY-1997
APPLICATION NUMBER: US 08/481,687
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/325/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-863-028-14
Query Match 0.2%; Score 14.2; DB 1; Length 28;
Best Local Similarity 70.4%; Pred. No. 2.8e+03;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 5411 CAAGAAATAAAGCAGAGATCAGC 5437
DB 28 CAAAAAAGAAAAAAGCAGATCCGC 2
RESULT 1671
US-08-455-627-12
Sequence 12, Application US/08455627
Patent No. 5571677
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
TITLE OF INVENTION: Connected Macromolecular Structures
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: LYNX-003/01 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-857-0663
TELEFAX: 415-857-0663
INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:
LENGTH: 30 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-455-627-12

Query Match 0.2%; Score 14.2; DB 1; Length 30;
Best Local Similarity 70.4%; Pred. No. 3e+03; 8; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4013 AATGAGAAAAAGAGAAACAAA 4039
Db 2 ACACAAAAA 28

RESULT 1672
US-08-689-856-12
Sequence 12, Application US/08689856
Patent No. 5830658
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
TITLE OF INVENTION: Connected Macromolecular Structures
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,856
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: LYNX-003/01 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
TELEFAX: 415-857-0663
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-689-856-12

Query Match 0.2%; Score 14.2; DB 1; Length 30;
Best Local Similarity 70.4%; Pred. No. 3e+03; 8; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4013 AATGAGAAAAAGAGAAACAAA 4039
Db 2 ACACAAAAA 28

RESULT 1673
US-08-787-321-12
Sequence 12, Application US/08787321A

Patent No. 6180777
GENERAL INFORMATION:
APPLICANT: Horn, Thomas
TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
FILE REFERENCE: (1300)-1199.002
CURRENT APPLICATION NUMBER: US/08/787,321A
CURRENT FILING DATE: 1997-01-03
EARLIER APPLICATION NUMBER: US PROV 60/009,918
EARLIER FILING DATE: 1996-01-12
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-08-787-321-12

Query Match 0.2%; Score 14.2; DB 1; Length 30;
Best Local Similarity 70.4%; Pred. No. 3e+03; 8; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4013 AATGAGAAAAAGAGAAACAAA 4039
Db 2 ACACAAAAA 28

RESULT 1674
US-09-725-265-4/c
Sequence 4, Application US/09725265
Patent No. 6492121
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAMA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
FILE REFERENCE: 19993US0XDI
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-4

Query Match 0.2%; Score 14.2; DB 1; Length 30;
Best Local Similarity 84.2%; Pred. No. 3e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4021 AAAAGAGAGAAACAAA 4039
Db 30 AAAA 12

RESULT 1675
US-08-173-489C-75/c
Sequence 75, Application US/08173489C

Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C.-G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: esterase D gene (Accession # M13450)
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: chromosome 13
MAP POSITION: 13q14.1-q14.2
PUBLICATION INFORMATION:
AUTHORS: Lee, E Y H P, Lee, W H.
TITLE: Molecular cloning of the
TITLE: human esterase D gene, a genetic marker of
JOURNAL: Proceedings of the National Academy of
JOURNAL: Sciences, USA
VOLUME: 83
PAGES: 6337-6341
DATE: 1986
RELEVANT RESIDUES IN SEQ ID NO: 75 :FROM 1 TO 14
US-08-173-489C-75

Query Match 0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4477
DB 14 TTTT TTTT TTTT TTTT 1

RESULT 1676
US-08-173-489C-76

Sequence 76, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C.-G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 bases
TYPE: Nucleic Acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from esterase D
HYPOTHETICAL: Yes
ANTI-SENSE: No
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 76 :FROM 1 TO 14
US-08-173-489C-76

Query Match 0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4477
DB 1 TTTT TTTT TTTT TTTT 14

RESULT 1677
US-08-832-021-16
Sequence 16, Application US/08832021
Patent No. 6045998
GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Steun, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64

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; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 16
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-16

Query Match      0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4472 TTTT TTTT TTTT TTTT GCT 4485
DB      1 TTTT TTTT TTTT TTTT GCT 14

RESULT 1678
US-08-724-466B-14
; Sequence 14, Application US/08724466B
; Patent No. 6063606
; GENERAL INFORMATION:
; APPLICANT: Petkovich, P. Martin, White, Jay A.;
; APPLICANT: Beckett, Barbara R.; Jones, Glenville
; TITLE OF INVENTION: Retinoid Metabolizing Protein
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Blake, Cassels & Graydon
; STREET: Box 25, Commerce Court West
; CITY: Toronto
; ZIP: M5L 1A9
; COUNTRY: Canada
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage
; COMPUTER: COMPAQ, IBM PC compatible
; OPERATING SYSTEM: MS-DOS 5.1
; SOFTWARE: WORD PERFECT
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/724,466B
; FILING DATE: October 1, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667,546
; FILING DATE: June 21, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunt, John C.
; REGISTRATION NUMBER: 36,424
; REFERENCE/DOCKET NUMBER: 50767/00004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 863-4344
; TELEFAX: (416) 863-2653
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-724-466B-14

Query Match      0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4472 TTTT TTTT TTTT TTTT GCT 4485
DB      1 TTTT TTTT TTTT TTTT GCT 14

RESULT 1679
US-08-787-321-6
; Sequence 6, Application US/08787321A
; Patent No. 6180777
; GENERAL INFORMATION:
```

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; APPLICANT: Horn, Thomas
; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
; FILE REFERENCE: (1300)-1199,002
; CURRENT APPLICATION NUMBER: US/08/787,321A
; CURRENT FILING DATE: 1997-01-03
; EARLIER APPLICATION NUMBER: US PROV 60/009,918
; EARLIER FILING DATE: 1996-01-12
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-08-787-321-6

Query Match      0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4462 ACTT TTTT TTTT TTTT TTTT 4475
DB      1 ACTT TTTT TTTT TTTT TTTT 14

RESULT 1680
US-09-019-095A-26
; Sequence 26, Application US/09019095A
; Patent No. 6287858
; GENERAL INFORMATION:
; APPLICANT: Zhu, Yuan
; APPLICANT: D'Andrea, Alan D.
; TITLE OF INVENTION: Deubiquitinating Enzymes That Regulate
; TITLE OF INVENTION: Cell Growth
; FILE REFERENCE: DFCI-435P2A2
; CURRENT APPLICATION NUMBER: US/09/019,095A
; CURRENT FILING DATE: 1998-02-05
; PRIOR APPLICATION NUMBER: PCT/US96/12884
; PRIOR FILING DATE: 1996-08-07
; PRIOR APPLICATION NUMBER: US 60/002,066
; PRIOR FILING DATE: 1995-08-09
; PRIOR APPLICATION NUMBER: US 60/019,787
; PRIOR FILING DATE: 1996-06-14
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 14
; TYPE: DNA
; ORGANISM: murine
US-09-019-095A-26

Query Match      0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4472 TTTT TTTT TTTT TTTT GCT 4485
DB      1 TTTT TTTT TTTT TTTT GCT 14

RESULT 1681
US-08-882-164D-14
; Sequence 14, Application US/08882164D
; Patent No. 6306624
; GENERAL INFORMATION:
; APPLICANT: Petkovich, P. Martin, White, Jay A.;
; APPLICANT: Beckett, Barbara R.; Jones, Glenville
; TITLE OF INVENTION: Retinoid Metabolizing Protein
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Blake, Cassels & Graydon
```

STREET: Box 25, Commerce Court West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5L 1A9
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage
COMPUTER: COMPAQ, IBM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
SOFTWARE: WORD PERFECT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,164D
FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
TELEFAX: (416) 863-2653
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-882-164D-14

Query Match 0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4472 TTTT TTTT TTTT TTTT 4485
DB 1 TTTT TTTT TTTT TTTT 14

RESULT 1682
US-09-462-569B-1
Sequence 1, Application US/09462569B
Patent No. 6392124
GENERAL INFORMATION:
APPLICANT: PONZ ASCASO, Fernando
APPLICANT: TORRES PASCUAL, Vicente
APPLICANT: SANCHEZ SANCHEZ, Florentina
APPLICANT: MARTINEZ HERRERA, David
TITLE OF INVENTION: THE TUNIP MOSAIC VIRUS (TMV)
FILE REFERENCE: P/613-110
CURRENT APPLICATION NUMBER: US/09/462,569B
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: PCT/ES98/00200
PRIOR FILING DATE: 1998-07-09
PRIOR APPLICATION NUMBER: ES P 9701522
PRIOR FILING DATE: 1997-07-09
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-462-569B-1

Query Match 0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4477
DB 1 TTTT TTTT TTTT TTTT 14

RESULT 1683
US-09-619-103-20/c
Sequence 20, Application US/09619103
Patent No. 6429300
GENERAL INFORMATION:
APPLICANT: Kurtz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-20

Query Match 0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4477
DB 14 TTTT TTTT TTTT TTTT 1

RESULT 1684
5453496-4
Patent No. 5453496
APPLICANT: CARUTHERS, MARVIN H.; MARSHALL, WILLIAM S.; BRILL,
WOLFGANG; NIELSEN, JOHN
TITLE OF INVENTION: POLYNUCLEOTIDE PHOSPHODIHYDROATE
NUMBER OF SEQUENCES: 7
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/138,140
FILING DATE: 15-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 793,171
FILING DATE: 18-NOV-1991
APPLICATION NUMBER: 545,238
FILING DATE: 27-JUN-1990
APPLICATION NUMBER: 332,247
FILING DATE: 31-MAR-1989
APPLICATION NUMBER: 198,886
FILING DATE: 26-MAY-1988
SEQ ID NO: 4
LENGTH: 14
5453496-4

Query Match 0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4477
DB 1 TTTT TTTT TTTT TTTT 14

RESULT 1685

```
5453496-5/c
; Patent No. 5453496
; APPLICANT: CARUTHERS, MARVIN H.; MARSHALL, WILLIAM S.; BRILL,
; MOLFANG, NIELSEN, JOHN
; TITLE OF INVENTION: POLYNUCLEOTIDE PHOSPHORODITHIOATE
; NUMBER OF SEQUENCES: 7
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/138,140
; FILING DATE: 15-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 793,171
; FILING DATE: 18-NOV-1991
; APPLICATION NUMBER: 545,238
; FILING DATE: 27-JUN-1990
; APPLICATION NUMBER: 332,247
; FILING DATE: 31-MAR-1989
; APPLICATION NUMBER: 198,886
; FILING DATE: 26-MAY-1988
; SEQ ID NO: 5
; LENGTH: 14
5453496-5

Query Match      0.2%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4477
         |||||
Db       14 TTTT TTTT TTTT TTTT 1

RESULT 1686
US-08-452-196A-3/C
; Sequence 3, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 889-6338
; TELEFAX: (215) 889-8800
; INFORMATION FOR SEQ ID NO: 3:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: Yes
; ORIGINAL SOURCE: synthesized
; FEATURE:
; LOCATION: 14
; OTHER INFORMATION: 8-[2,2-bis
; OTHER INFORMATION: (methoxymethyl)
; OTHER INFORMATION: propoxy]-9-
; OTHER INFORMATION: methyladenosine
US-08-452-196A-3

Query Match      0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4478
         |||||
Db       15 TTTT TTTT TTTT TTTT 1

RESULT 1687
US-08-452-196A-4/C
; Sequence 4, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 889-6338
; TELEFAX: (215) 889-8800
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

MOLECULE TYPE: Nucleic Acid
DESCRIPTION:
ANTI-SENSE: yes
ORIGINAL SOURCE: synthesized
FEATURE:
LOCATION: 13
OTHER INFORMATION: 8-[2,2-bis
OTHER INFORMATION: (methoxymethyl)
OTHER INFORMATION: propoxy]-9-
OTHER INFORMATION: methyladenosine
US-08-452-196A-4

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
15 TTTT TTTT TTTT TTTT 1

Db 15 TTTT TTTT TTTT TTTT 1

RESULT 1688
US-08-358-995-25/c
Sequence 25, Application US/08358995
Patent No. 5741638
GENERAL INFORMATION:
APPLICANT: Akio YAMANE
TITLE OF INVENTION: Microtiter Well For Detecting
TITLE OF INVENTION: Nucleic Acid
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth, Lind & Ponack
STREET: 805 Fifteenth Street, N.W., #700
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 500 KB
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,995
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/004,572
FILING DATE: January 14, 1993
APPLICATION NUMBER: 07/722,673
FILING DATE: June 28, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
TELEFAX: 202-371-8856
TELEX:
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL:
ANTI-SENSE:
FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM:
STRAIN:
INDIVIDUAL ISOLATE:

DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
LIBRARY:
CLONE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
UNITS:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS:
TITLE:
JOURNAL:
VOLUME:
ISSUE:
PAGES:
DATE:
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-08-358-995-25

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4224 CCTCTGTGCAGATA 4237
15 CCTCTGTGCAGATA 2

Db 15 CCTCTGTGCAGATA 2

RESULT 1689
US-08-292-620A-360
Sequence 360, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A

FILED DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 360:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-360

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 1.2e+03;
Matches 0; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4477
Db 2 UUUUUUUUUUUU 15

RESULT 1690
US-08-292-620A-363
Sequence 363, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggan
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-363

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 1.2e+03;
Matches 0; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4477
Db 1 UUUUUUUUUUUU 14

RESULT 1691
US-08-292-620A-556/C
Sequence 556, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggan
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 556:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 15 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;
US-08-292-620A-556

Query Match          0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6718 GGATGCTAGCTGGA 6731
DB      14 GGATGCTAGCTGGA 1

RESULT 1692
US-08-832-021-61
; Sequence 61, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
;   APPLICANT: Combates, N.
;   APPLICANT: Pardinas, J.
;   APPLICANT: Parimoo, S.
;   APPLICANT: Prouty, S.
;   APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-61

Query Match          0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4472 TTTT TTTT TTTT TTTT 4485
DB      1 TTTT TTTT TTTT TTTT 14

RESULT 1693
US-08-832-021-63
; Sequence 63, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
;   APPLICANT: Combates, N.
;   APPLICANT: Pardinas, J.
;   APPLICANT: Parimoo, S.
;   APPLICANT: Prouty, S.
;   APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
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```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-63

Query Match          0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4472 TTTT TTTT TTTT TTTT 4485
DB      1 TTTT TTTT TTTT TTTT 14

RESULT 1694
US-08-832-021-64
; Sequence 64, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
;   APPLICANT: Combates, N.
;   APPLICANT: Pardinas, J.
;   APPLICANT: Parimoo, S.
;   APPLICANT: Prouty, S.
;   APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-64

Query Match          0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4472 TTTT TTTT TTTT TTTT 4485
DB      1 TTTT TTTT TTTT TTTT 14

RESULT 1695
US-09-071-845-360
; Sequence 360, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
;   APPLICANT: Susan Grimm
;   APPLICANT: Dan T. Stinchcomb
;   APPLICANT: James McSwiggen
;   APPLICANT: Sean Sullivan
;   APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 360:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-360

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 1.2e+03;
Matches 0; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4477
DB 2 UUUUUUUUUUUU 15

RESULT 1696
US-09-071-845-363
Sequence 363, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-363

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 1.2e+03;
Matches 0; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4477
DB 1 UUUUUUUUUUUU 14

RESULT 1697
US-09-071-845-556/C
Sequence 556, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 556:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-556

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 6718 GGATGCTAGCTGGA 6731
Db 14 GGATGCTAGCTGGA 1

RESULT 1698
US-09-163-485-13/c
Sequence 13, Application US/09163485
GENERAL INFORMATION:
APPLICANT: FILMORE, HELEN
APPLICANT: BROADBUSH, WILLIAM
APPLICANT: GILLES, GEORGE
TITLE OF INVENTION: SEQUENTIAL CONSENSUS REGION-DIRECTED AMPLIFICATION OF
FILE REFERENCE: VCU1P4B
CURRENT APPLICATION NUMBER: US/09/163,485
CURRENT FILING DATE: 1998-08-30
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide, consensus sequence from human
US-09-163-485-13

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 7414 AGCAGCAGCAGCAG 7427
Db 14 AGCAGCAGCAGCAG 1

RESULT 1699
US-09-475-947A-158
Sequence 158, Application US/09475947A
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 158
LENGTH: 15
TYPE: DNA
ORGANISM: human
FEATURE:
OTHER INFORMATION: n signifies a, t, c or g.
US-09-475-947A-158

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1700
US-09-475-947A-304
Sequence 304, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 304
LENGTH: 15
TYPE: DNA
ORGANISM: human
US-09-475-947A-304

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 7413 CAGCAGCAGCAGCA 7426
Db 1 CAGCAGCAGCAGCA 14

RESULT 1701
PCT-US91-03680-16/c
Sequence 16, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 2
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 6
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-16

Query Match 0.2%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4018 AGAAGAGAGAGA 4031
DB 14 AGAAGAGAGAGA 1

RESULT 1702
US-08-584-040-2546
Sequence 2546, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2546:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2546

Query Match 0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 14.3%; Pred. No. 1.5e+03;
Matches 2; Conservative 12; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTT 4475
DB 4 ACUUUUUUUUUU 17

RESULT 1703
US-08-584-040-2553
Sequence 2553, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995

```
ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2553:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2553

Query Match      0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 1.5e+03;
Matches 0; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4477
Db      1 UUUUUUUUUUUUUU 14

RESULT 1704
US-09-371-772B-1070
; Sequence 1070, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1070
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-1070

Query Match      0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 14.3%; Pred. No. 1.5e+03;
Matches 2; Conservative 12; Mismatches 0; Indels 0; Gaps 0;

QY      4462 ACTTTT TTTT TTTT TTTT 4475
Db      4 ACUUUUUUUUUUUU 17

RESULT 1705
US-09-371-772B-1077
; Sequence 1077, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
```

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FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1077
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-1077

Query Match      0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 1.5e+03;
Matches 0; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4477
Db      1 UUUUUUUUUUUUUU 14

RESULT 1706
US-09-554-726A-22
; Sequence 22, Application US/09554726A
; Patent No. 6642369
; GENERAL INFORMATION:
; APPLICANT: HERRMANN, Bernhard
; APPLICANT: KOSCHORZ, Birgit
; APPLICANT: KISPERT, Andreas
; TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATIO
; FILE REFERENCE: 258,0009 0101
; CURRENT APPLICATION NUMBER: US/09/554,726A
; CURRENT FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: PCT/EP 98/07395
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: EP 98 10 3596.7
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: EP 97 12 0190.0
; PRIOR FILING DATE: 1997-11-18
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-554-726A-22

Query Match      0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2701 GGGCAGAGCAATG 2714
Db      3 GGGCAGAGCAATG 16

RESULT 1707
US-09-866-108A-1536/c
; Sequence 1536, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
```

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/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1536
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1536

Query Match      0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2475 CCAGGCGACCGCC 2488
DB      17 CCAGGCGACCGCC 4

RESULT 1708
US-09-866-108A-1540/C
/ Sequence 1540, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1540
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1540

Query Match      0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2474 TCCAGGCGACCGC 2487
DB      14 TCCAGGCGACCGC 1

RESULT 1709
US-09-866-108A-7979/C
/ Sequence 7979, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7979
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7979

Query Match      0.2%; Score 14; DB 1; Length 17;
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4953 TTTTCTGCTGGCT 4966

Db 17 TTTTCTGCTGGCT 4

RESULT 1710

US-09-866-108A-7980/c

Sequence 7980, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Menaheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263,6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Acomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 7980

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-7980

Query Match 0.2%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4953 TTTTCTGCTGGCT 4966

Db 16 TTTTCTGCTGGCT 3

RESULT 1711

US-08-066-325-52/c

Sequence 52, Application US/08066325

Patent No. 5667867

GENERAL INFORMATION:

APPLICANT: Steinman, Lawrence

APPLICANT: Oksenberg, Jorge

APPLICANT: Bernard, Claude

TITLE OF INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKERS

NUMBER OF SEQUENCES: 157

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 56300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/066,325

FILING DATE: 21-May-1993

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: No. 5667967tenburg Ph.D., Carol

REGISTRATION NUMBER: 39,317

REFERENCE/DOCKET NUMBER: 690068, 408C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 52:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-066-325-52

Query Match 0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4123 TTGAGCATCAGAA 4136

Db 14 TTGAGCATCAGAA 1

RESULT 1712

US-07-938-906-8/c

Sequence 8, Application US/07938906

Patent No. 5766947

GENERAL INFORMATION:

APPLICANT: Ritzershaus, Charles W.

APPLICANT: Kung, Patrick C.

TITLE OF INVENTION: Monoclonal antibodies reactive with

TITLE OF INVENTION: defined regions of the T cell antigen receptor

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: T Cell Sciences, Inc.

STREET: 38 Sidney Street

CITY: Cambridge

STATE: Massachusetts

COUNTRY: United States of America

ZIP: 02139

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44mb storage

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/938,906

FILING DATE: 31-AUGUST-1992

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/449,692

FILING DATE: 11-DECEMBER-1989

APPLICATION NUMBER: 07/343,189

FILING DATE: 25-APRIL-1989

APPLICATION NUMBER: 07/284,511
FILING DATE: 15-DECEMBER-1988
APPLICATION NUMBER: 07/284,141
FILING DATE: 14-DECEMBER-1988
ATTORNEY/AGENT INFORMATION:
NAME: Kabiniec, Jeffrey S.
REGISTRATION NUMBER: 36,575
REFERENCE/DOCKET NUMBER: 5929-165-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-621-1400
TELEFAX: 617-621-0627
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-07-938-906-8

Query Match 0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGAA 4136
DB 14 TTGAGCCATCAGAA 1

RESULT 1713
US-08-450-425-2/c
Sequence 2, Application US/08450425
Patent No. 5980892
GENERAL INFORMATION:
APPLICANT: Skibbens, Robert V.
APPLICANT: Henry, Larry D.
APPLICANT: Rittershaus, Charles W.
APPLICANT: Tian, Wei-Tao
APPLICANT: Ip, Stephen H.
APPLICANT: Kung, Patrick C.
APPLICANT: Snider, Mary Ellen
APPLICANT: Ko, Jone-Long
APPLICANT: Wood, Nancy L.
TITLE OF INVENTION: Monoclonal antibodies reactive with
TITLE OF INVENTION: defined regions of the T cell antigen receptor
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-7407
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word 6.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,425
FILING DATE: 25-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/083,408
FILING DATE: 25-JUN-1993
APPLICATION NUMBER: US 07/449,692
FILING DATE: 11-DEC-1989
APPLICATION NUMBER: US 07/343,189
FILING DATE: 25-APR-1989
APPLICATION NUMBER: US 07/284,511
FILING DATE: 15-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Yankwich, Leon R.

REGISTRATION NUMBER: 30,237
REFERENCE/DOCKET NUMBER: TCS-187-DIV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-450-425-2

Query Match 0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGAA 4136
DB 14 TTGAGCCATCAGAA 1

RESULT 1714
US-08-933-358-8/c
Sequence 8, Application US/08933358
Patent No. 6013444
GENERAL INFORMATION:
APPLICANT: Dau, Peter C.
APPLICANT: Liu, Debang
TITLE OF INVENTION: DNA BRACKETING LOCUS COMPATIBLE STANDARDS FOR
TITLE OF INVENTION: ELECTROPHORESIS
FILE REFERENCE: 434001aa
CURRENT APPLICATION NUMBER: US/08/933,358
CURRENT FILING DATE: 1997-09-18
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:PRIMER SEQUENCE
US-08-933-358-8

Query Match 0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGAA 4136
DB 14 TTGAGCCATCAGAA 1

RESULT 1715
US-09-255-911-31/c
Sequence 31, Application US/09255911
Patent No. 6013522
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION
FILE REFERENCE: RTS-0040
CURRENT APPLICATION NUMBER: US/09/255,911
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 46
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-911-31

Query Match 0.2%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.6e+03;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7423 AGCAGCAGCAGCAGC 7436
 Db 18 AGCAGCAGCAGCAGC 5

RESULT 1716
 US-09-289-376-45/c
 ; Sequence 45, Application US/09289376
 ; Patent No. 6013788
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SMA3 EXPRESSION
 ; FILE REFERENCE: RTS-0043
 ; CURRENT APPLICATION NUMBER: US/09/289,376
 ; CURRENT FILING DATE: 1999-04-09
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 45
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense oligonucleotide
 US-09-289-376-45

Query Match 0.2%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.6e+03;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4618 CTTGGATGGGAG 4631
 Db 15 CTTGGATGGGAG 2

RESULT 1717
 US-08-559-205-28/c
 ; Sequence 28, Application US/08559205
 ; Patent No. 6087096
 ; GENERAL INFORMATION:
 ; APPLICANT: Dau, Peter C.
 ; APPLICANT: Liu, Debang
 ; TITLE OF INVENTION: Method of Intrafamily Fragment Analysis of the T
 ; TITLE OF INVENTION: Cell Receptor and Chain CDR3 Regions
 ; NUMBER OF SEQUENCES: 61
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 ; STREET: 6300 Sears Tower, 233 South Wacker Drive
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: United States of America
 ; ZIP: 60606-6402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/559,205
 ; FILING DATE:
 ; CLASSIFICATION: 436
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Gaas, David A.
 ; REGISTRATION NUMBER: 38,153
 ; REFERENCE/DOCKET NUMBER: 28721/32972
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 312/474-6300
 ; TELEFAX: 312/474-0448
 ; TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 28:

SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-559-205-28

Query Match 0.2%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.6e+03;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4123 TTGAGCCATCAGAA 4136
 Db 14 TTGAGCCATCAGAA 1

RESULT 1718
 US-09-630-706-41
 ; Sequence 41, Application US/09630706
 ; Patent No. 6277640
 ; GENERAL INFORMATION:
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
 ; FILE REFERENCE: RTS-0053
 ; CURRENT APPLICATION NUMBER: US/09/630,706
 ; CURRENT FILING DATE: 2000-08-01
 ; NUMBER OF SEQ ID NOS: 94
 ; SEQ ID NO 41
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense oligonucleotide
 US-09-630-706-41

Query Match 0.2%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.6e+03;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5918 AAGCCAGAGATGT 5931
 Db 5 AAGCCAGAGATGT 18

RESULT 1719
 US-09-422-978-4090
 ; Sequence 4090, Application US/09422978
 ; Patent No. 6537751
 ; GENERAL INFORMATION:
 ; APPLICANT: Cohen, Daniel
 ; APPLICANT: Blumenfeld, Marta
 ; APPLICANT: Chumakov, Ilya
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; FILE REFERENCE: GENSET.020CP1
 ; CURRENT APPLICATION NUMBER: US/09/422,978
 ; CURRENT FILING DATE: 1999-10-20
 ; EARLIER APPLICATION NUMBER: US 09/298,850
 ; EARLIER FILING DATE: 1999-04-21
 ; EARLIER APPLICATION NUMBER: US 60/109,732
 ; EARLIER FILING DATE: 1998-11-23
 ; EARLIER APPLICATION NUMBER: US 60/082,614
 ; EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 4090
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: primer_bind
 ; LOCATION: 1..18

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; OTHER INFORMATION: upstream amplification primer 99-13238 for SEQ 156,
US-09-422-978-4090

Query Match          0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4452 GGGGCGATGACTT 4465
          |||||
          4 GGTGGCATGACTT 17

Db

RESULT 1720
US-09-422-978-4743/C
; Sequence 4743, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4743
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17483 for SEQ 809,
US-09-422-978-4743

Query Match          0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4017 GAGAAAAAGAGAG 4030
          |||||
          14 GAGAAAAAGAGAG 1

Db

RESULT 1721
US-09-422-978-8891
; Sequence 8891, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8891
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens

; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-19016 for SEQ 1026, in complem
US-09-422-978-8891

Query Match          0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2530 ACAGCAGATGACT 2543
          |||||
          2 ACAGCAGATGACT 15

Db

RESULT 1722
5336598-23/C
; Patent No. 5336598
; APPLICANT: KOTZIN, BRIAN L.;MARRACK, PHILIPPA;KAPPLER,
; JOHN;CHOI, YOUNGMON
; TITLE OF INVENTION: METHOD FOR DIAGNOSING A SUPERANTIGEN
; CAUSED PATHOLOGICAL CONDITION VIA ASSAY OF T-CELLS
; NUMBER OF SEQUENCES: 25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/437,370
; FILING DATE: 15-NOV-1989
; SEQ ID NO:23
; LENGTH: 18
; 5336598-23

Query Match          0.2%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4123 TTGAGCCATCAGAA 4136
          |||||
          14 TTGAGCCATCAGAA 1

Db

RESULT 1723
US-07-766-751-1/C
; Sequence 1, Application US/07766751
; Patent No. 5480895
; GENERAL INFORMATION:
; APPLICANT: FRIEDMAN, STEVEN M
; APPLICANT: CROW, MARY K
; APPLICANT: POSNETT, DAVID
; TITLE OF INVENTION: METHODS OF PRODUCING ANTIBODIES TO A
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DARBY & DARBY
; STREET: 805 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: U.S.A.
; ZIP: 10022-7513
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766,751
; FILING DATE: 19910927
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SCHAFER, ROBERT
; REGISTRATION NUMBER: 31,194
; REFERENCE/DOCKET NUMBER: 5983/07499
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)527-7700
; TELEFAX: (212)753-6237
```


TELEX: 236687
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-07-766-751-1

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4123 TTGAGCCATCAGAA 4136
Db 15 TTGAGCCATCAGAA 2

RESULT 1724
US-08-423-383-24/c
Sequence 24, Application US/08423383
Patent No. 5700907

GENERAL INFORMATION:
APPLICANT: HERCEND, THIERRY; TRIEBEL, FREDERIC;
APPLICANT: ROMAN-ROMAN, SERGIO; FERRADINI, LAURENT
TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING FOR
TITLE OF INVENTION: VARIABLE REGIONS OF BETA CHAINS OF HUMAN T LYMPHOCYTE
TITLE OF INVENTION: RECEPTORS, CORRESPONDING PEPTIDE SEGMENTS AND THE
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/423,383
FILING DATE: 14-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934,530
FILING DATE: 23-NOV-1992
APPLICATION NUMBER: PCT/FR92/00130
FILING DATE: 12-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/01613
FILING DATE: 12-FEB-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/04523
FILING DATE: 12-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1158
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-661-8000
TELEFAX: 212-661-8002
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: NUCLEOTIDE
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR

MOLECULE TYPE: OLIGONUCLEOTIDE
FEATURE:
NAME/KEY:
OTHER INFORMATION: OLIGONUCLEOTIDE D
US-08-423-383-24

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4123 TTGAGCCATCAGAA 4136
Db 19 TTGAGCCATCAGAA 6

RESULT 1725
US-08-423-383-51/c
Sequence 51, Application US/08423383
Patent No. 5700907

GENERAL INFORMATION:
APPLICANT: HERCEND, THIERRY; TRIEBEL, FREDERIC;
APPLICANT: ROMAN-ROMAN, SERGIO; FERRADINI, LAURENT
TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING FOR
TITLE OF INVENTION: VARIABLE REGIONS OF BETA CHAINS OF HUMAN T LYMPHOCYTE
TITLE OF INVENTION: RECEPTORS, CORRESPONDING PEPTIDE SEGMENTS AND THE
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/423,383
FILING DATE: 14-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934,530
FILING DATE: 23-NOV-1992
APPLICATION NUMBER: PCT/FR92/00130
FILING DATE: 12-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/01613
FILING DATE: 12-FEB-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/04523
FILING DATE: 12-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1158
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-661-8000
TELEFAX: 212-661-8002
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: NUCLEOTIDE
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: OLIGONUCLEOTIDE
FEATURE:
NAME/KEY:
OTHER INFORMATION: TYPE C BETA C, POSITION 58
US-08-423-383-51

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGAA 4136
|||||
DB 19 TTGAGCCATCAGAA 6

RESULT 1726
US-08-620-467A-62/c
; Sequence 62, Application US/08620467A
; Patent No. 5798231
; GENERAL INFORMATION:
; APPLICANT: HERCEND, THIERRY, TRIEBEL,
; APPLICANT: FREDERIC, ROMAN-ROMAN, SERGIO, FERRADINI,
; APPLICANT: LAURENT
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING
; TITLE OF INVENTION: FOR VARIABLE REGIONS OF THE ' CHAINS OF HUMAN T
; TITLE OF INVENTION: LYMPHOCYTE RECEPTORS, CORRESPONDING PEPTIDE
; TITLE OF INVENTION: SEGMENTS AND DIAGNOSTIC AND THERAPEUTIC USES
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS,
; ADDRESSEE: LLP
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: IBM PC COMPATIBLE
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/620,467A
; FILING DATE: 22-MAR-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/348,572
; FILING DATE: 19-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/934,529
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA: PCT/FR92/00111
; FILING DATE: 07-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1159-CON-DIV-2
; TELEPHONE: 212-661-8000
; TELEFAX: 212-661-8002
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: OLIGONUCLEOTIDE
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: TYPE CAC, POSITION 58
; US-08-620-467A-62

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGAA 4136
|||||
DB 19 TTGAGCCATCAGAA 6

RESULT 1727
US-08-348-572-63/c
; Sequence 63, Application US/08348572
; Patent No. 5817511
; GENERAL INFORMATION:
; APPLICANT: HERCEND, THIERRY, TRIEBEL, FREDERIC,
; APPLICANT: ROMAN-ROMAN, SERGIO, FERRADINI, LAURENT
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING FOR VARIABLE
; TITLE OF INVENTION: REGIONS OF THE ALPHA CHAINS OF HUMAN T LYMPHOCYTE RECEPTORS,
; TITLE OF INVENTION: CORRESPONDING PEPTIDE SEGMENTS AND THE DIAGNOSTIC AND
; TITLE OF INVENTION: THERAPEUTIC USES
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: IBM PC COMPATIBLE
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/348,572
; FILING DATE: 19-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/934,529
; FILING DATE: 24-NOV-1992
; APPLICATION NUMBER: PCT/FR 92/00111
; FILING DATE: 07-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1159
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-661-8000
; TELEFAX: 212-661-8002
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: OLIGONUCLEOTIDE
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: TYPE C Beta C, POSITION 58
; US-08-348-572-63

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGAA 4136
|||||
DB 19 TTGAGCCATCAGAA 6

RESULT 1728
US-08-437-353A-24/c
; Sequence 24, Application US/08437353A
; Patent No. 5830758
; GENERAL INFORMATION:

APPLICANT: HERCEND, THIERRY; TRIEBEL, FREDERIC;
APPLICANT: ROMAN-ROMAN, SERGIO; FERRADINI, LAURENT
TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING FOR
TITLE OF INVENTION: VARIABLE REGIONS OF BETA CHAINS OF HUMAN T LYMPHOCYTE
TITLE OF INVENTION: RECEPTORS, CORRESPONDING PEPTIDE SEGMENTS AND THE DIAGNOSTIC
TITLE OF INVENTION: AND THERAPEUTIC USES
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/437,353A
CLASSIFICATION: 435
FILING DATE: 09-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/423,383
FILING DATE: 14-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934,530
FILING DATE: 23-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR92/00130
FILING DATE: 12-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/01613
FILING DATE: 12-FEB-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/04523
FILING DATE: 12-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146.1158
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-661-8000
TELEFAX: 212-661-8002
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: NUCLEOTIDE
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: OLIGONUCLEOTIDE
FEATURE:
NAME/KEY:
OTHER INFORMATION: OLIGONUCLEOTIDE D
US-08-437-353A-24
Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4123 TTGAGCCATCAGAA 4136
DB 19 TTGAGCCATCAGAA 6
RESULT 1729
US-08-437-353A-51/C
Sequence 51, Application US/08437353A
Patent No. 5830758
GENERAL INFORMATION:
APPLICANT: HERCEND, THIERRY; TRIEBEL, FREDERIC;
APPLICANT: ROMAN-ROMAN, SERGIO; FERRADINI, LAURENT

TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING FOR
TITLE OF INVENTION: VARIABLE REGIONS OF BETA CHAINS OF HUMAN T LYMPHOCYTE
TITLE OF INVENTION: RECEPTORS, CORRESPONDING PEPTIDE SEGMENTS AND THE DIAGNOSTIC
TITLE OF INVENTION: AND THERAPEUTIC USES
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/437,353A
CLASSIFICATION: 435
FILING DATE: 09-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/423,383
FILING DATE: 14-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934,530
FILING DATE: 23-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR92/00130
FILING DATE: 12-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/01613
FILING DATE: 12-FEB-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR/91/04523
FILING DATE: 12-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146.1158
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-661-8000
TELEFAX: 212-661-8002
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: NUCLEOTIDE
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: OLIGONUCLEOTIDE
FEATURE:
NAME/KEY:
OTHER INFORMATION: TYPE C BETA C, POSITION 58
US-08-437-353A-51
Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4123 TTGAGCCATCAGAA 4136
DB 19 TTGAGCCATCAGAA 6
RESULT 1730
US-08-468-037A-33/C
Sequence 33, Application US/08468037A
Patent No. 5859221
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
TITLE OF INVENTION: 2'-Modified oligonucleotides
NUMBER OF SEQUENCES: 37

;; CORRESPONDENCE ADDRESS:
;; ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5 inch disk, 720 Kb
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: WordPerfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/468,037A
;; FILING DATE: 06-JUN-1995
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 835,932
;; FILING DATE: 05-MAR-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Joseph Lucchi
;; REGISTRATION NUMBER: 33,307
;; REFERENCE/DOCKET NUMBER: ISIS-2004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 33:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-468-037A-33

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT G 4484
DB 16 TTTT TTTT TTTT TTTT G 3

RESULT 1731
US-08-471-973A-33/c
Sequence 33, Application US/08471973A
Patent No. 5872232
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz and No. 5872232ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,973A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi

;; REGISTRATION NUMBER: 33,307
;; REFERENCE/DOCKET NUMBER: ISIS-2005
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 33:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-471-973A-33

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT G 4484
DB 16 TTTT TTTT TTTT TTTT G 3

RESULT 1732
US-08-465-880-28/c
Sequence 28, Application US/08465880
Patent No. 595589
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 595589ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,880
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 244,993
FILING DATE: 21-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-465-880-28

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT G 4484
DB 16 TTTT TTTT TTTT TTTT G 3

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US-09-035-357-33/c
RESULT 1733
Sequence 33, Application US/09035357
Patent No. 6005087
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasak1
TITLE OF INVENTION: 37
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 6005087r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035.357
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,037
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-035-357-33

Query Match 0.2%; Score 14; DB 1; Length 19;
Best local similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTTTTTTTTTG 4484
|||||
16 TTTTTTTTTTTT 3

Db

RESULT 1734
US-09-199-859-3/c
Sequence 3, Application US/09199859
Patent No. 6069008
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
FILE REFERENCE: RFS-0025
CURRENT APPLICATION NUMBER: US/09/199,859
CURRENT FILING DATE: 1998-11-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-199-859-3

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Query Match Similarity 100.0%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred No. 1.8e+03;
Matches 14; Mismatches 0; Indels 0; Gaps 0;

OY 939 TGAGCAGCCCAAGC 952
DB 17 TGAGCAGCCCAAGC 4

RESULT 1735
US-09-041-090B-63/C
: Sequence 63, Application US/09041090B
: Patent No. 6114516
: GENERAL INFORMATION:
: APPLICANT: HERCEND, THIERRY; TRIEBEL, FREDERIC;
: APPLICANT: ROMAN-ROMAN, SERGIO; FERRADINI, LAURENT
: TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING FOR VARIABLE
: TITLE OF INVENTION: REGIONS OF THE ALPHA CHAINS OF HUMAN T LYMPHOCYTE RECEPTORS,
: TITLE OF INVENTION: CORRESPONDING PEPTIDE SEGMENTS AND THE DIAGNOSTIC AND
: TITLE OF INVENTION: THERAPEUTIC USES
: NUMBER OF SEQUENCES: 62
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: BIERMAN & MUSERLIAN
: STREET: 600 THIRD AVENUE
: CITY: NEW YORK
: STATE: NEW YORK
: COUNTRY: USA
: ZIP: 10016
: COMPUTER READABLE FORM:
: MEDIUM TYPE: FLOPPY DISK
: COMPUTER: IBM PC COMPATIBLE
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: WORDPERFECT 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/041,090B
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/348,572
: FILING DATE: 19-APR-1995
: APPLICATION NUMBER: PCT/FR 92/00111
: FILING DATE: 07-FEB-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: CHARLES A. MUSERLIAN
: REGISTRATION NUMBER: 19,683
: REFERENCE/DOCKET NUMBER: 146.1159
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-661-8000
: TELEFAX: 212-661-8002
: INFORMATION FOR SEQ ID NO: 63:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 19
: TYPE: NUCLEOTIDE
: STRANDEDNESS: SINGLE
: TOPOLOGY: LINEAR
: MOLECULE TYPE: OLIGONUCLEOTIDE
: FEATURE:
: NAME/KEY:
: LOCATION:
: IDENTIFICATION METHOD:
: OTHER INFORMATION: TYPE C Beta C, POSITION 58
US-09-041-090B-63

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred No. 1.8e+03;
Matches 14; Mismatches 0; Indels 0; Gaps 0;

OY 4123 TTGAGCCATCAGAA 4136
DB 19 TTGAGCCATCAGAA 6

RESULT 1736

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US-09-016-520-4/c
; Sequence 4, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-4

Query Match          0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTTCTCTCTCTCTG 4484
Db 16 TTTTCTCTCTCTCTG 3

RESULT 1737
US-09-144-611-12/c
; Sequence 12, Application US/09144611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829e1
US-09-144-611-12

Query Match          0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTTCTCTCTCTCTG 4484
Db 16 TTTTCTCTCTCTCTG 3

RESULT 1738
US-09-135-021-65/c
; Sequence 65, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Splanewski, Igor
; APPLICANT: Keating, Mark T.
```

```
; TITLE OF INVENTION: A HOMOTYGOUS MUTATION IN KVLQ1 WHICH CAUSES JERVELL
; TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 65
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-021-65

Query Match          0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3450 ACTTCTCTCTCTCTG 3463
Db 18 ACTTCTCTCTCTCTG 5

RESULT 1739
US-09-130-973-4/c
; Sequence 4, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
US-09-130-973-4

Query Match          0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTTCTCTCTCTCTG 4484
Db 16 TTTTCTCTCTCTCTG 3

RESULT 1740
US-09-477-902-4/c
; Sequence 4, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
```

PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-4

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTGG 4484
DB 16 TTTTCTTTTGG 3

RESULT 1741
US-09-338-907-568/c
Sequence 568, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPICP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 568
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: mlec_feature
LOCATION: 1..19
OTHER INFORMATION: microsequencing oligo for 99-1481-285.mlec
US-09-338-907-568

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3753 AACCTCAAGATGCT 3766
DB 15 AACCTCAAGATGCT 2

RESULT 1742
US-09-338-907-573/c
Sequence 573, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE

FILE REFERENCE: GENSET.18CPICP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 573
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: mlec_feature
LOCATION: 1..19
OTHER INFORMATION: microsequencing oligo for 99-1493-280.mlec
US-09-338-907-573

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4494 ATGGGGTTTGGCTG 4507
DB 19 ATGGGGTTTGGCTG 6

RESULT 1743
US-09-135-020-67/c
Sequence 67, Application US/09135020
Patent No. 6274332
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Scagnetti, Michael C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN hank WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
FILE REFERENCE: 2323-131
CURRENT APPLICATION NUMBER: US/09/135,020
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 67
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-135-020-67

Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3450 ACTTCCTCCCTG 3463
DB 18 ACTTCCTCCCTG 5

RESULT 1744
US-09-135-010A-67/c
Sequence 67, Application US/09135010A
Patent No. 6277978

```
/ GENERAL INFORMATION:
/ APPLICANT: Keating, Mark T.
/ APPLICANT: Sanguinetti, Michael C.
/ APPLICANT: Curran, Mark E.
/ APPLICANT: Landes, Gregory M.
/ APPLICANT: Comnors, Timothy D.
/ APPLICANT: Burn, Timothy C.
/ APPLICANT: Splawski, Igor
/ TITLE OF INVENTION: KUTOT1 - A LONG QT SYNDROME GENE
/ FILE REFERENCE: 2323-133
/ CURRENT APPLICATION NUMBER: US/09/135,010A
/ PRIOR FILING DATE: 1998-08-17
/ PRIOR APPLICATION NUMBER: 60/094,477
/ PRIOR FILING DATE: 1998-07-29
/ PRIOR APPLICATION NUMBER: 08/921,068
/ PRIOR FILING DATE: 1997-08-29
/ PRIOR APPLICATION NUMBER: 08/739,383
/ PRIOR FILING DATE: 1996-10-29
/ PRIOR APPLICATION NUMBER: 60/019,014
/ PRIOR FILING DATE: 1995-12-22
/ NUMBER OF SEQ ID NOS: 116
/ SOFTWARE: Patentln Ver. 2.0
/ SEQ ID NO 67
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-135-010A-67

Query Match      0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3450 ACTTCCTCCCTCG 3463
DB      18 ACTTCCTCCCTCG 5

RESULT 1745
US-09-444-871-67/C
/ Sequence 67, Application US/09444871
/ Patent No. 6323026
/ GENERAL INFORMATION:
/ APPLICANT: Keating, Mark T.
/ APPLICANT: Sanguinetti, Michael C.
/ APPLICANT: Splawski, Igor
/ TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN minK WHICH
/ TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
/ FILE REFERENCE: 2323-131
/ CURRENT APPLICATION NUMBER: US/09/444,871
/ CURRENT FILING DATE: 1999-11-22
/ EARLIER APPLICATION NUMBER: US 09/135,020
/ EARLIER FILING DATE: 1998-08-17
/ EARLIER APPLICATION NUMBER: 08/921,068
/ EARLIER FILING DATE: 1997-08-29
/ EARLIER APPLICATION NUMBER: 08/739,383
/ EARLIER FILING DATE: 1996-10-29
/ EARLIER APPLICATION NUMBER: 60/019,014
/ EARLIER FILING DATE: 1995-12-22
/ EARLIER APPLICATION NUMBER: 60/094,477
/ EARLIER FILING DATE: 1998-07-29
/ NUMBER OF SEQ ID NOS: 114
/ SOFTWARE: Patentln Ver. 2.0
/ SEQ ID NO 67
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-444-871-67

Query Match      0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      3450 ACTTCCTCCCTCG 3463
DB      18 ACTTCCTCCCTCG 5

RESULT 1746
US-09-453-514A-12/C
/ Sequence 12, Application US/09453514A
/ Patent No. 6326199
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Monla, Brett P.
/ TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
/ FILE REFERENCE: ISIS-4491
/ CURRENT APPLICATION NUMBER: US/09/453,514A
/ CURRENT FILING DATE: 1999-12-01
/ PRIOR APPLICATION NUMBER: 09/144,611
/ PRIOR FILING DATE: 1998-08-31
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: Patentln version 3.0
/ SEQ ID NO 12
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ OTHER INFORMATION: No. 6326199el Sequence
US-09-453-514A-12

Query Match      0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTTG 4484
DB      16 TTTTCTTTTCTTG 3

RESULT 1747
US-09-218-207-568/C
/ Sequence 568, Application US/09218207
/ Patent No. 6346381
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marca
/ APPLICANT: Ilyu, Chumakov
/ APPLICANT: Bougueterec, Lydie
/ TITLE OF INVENTION: Prostate cancer gene
/ FILE REFERENCE: GENSET.018CPI
/ CURRENT APPLICATION NUMBER: US/09/218,207
/ CURRENT FILING DATE: 1998-12-22
/ EARLIER APPLICATION NUMBER: 08/996,306
/ EARLIER FILING DATE: 1997-12-22
/ EARLIER APPLICATION NUMBER: 60/099,658
/ EARLIER FILING DATE: 1998-09-09
/ NUMBER OF SEQ ID NOS: 578
/ SOFTWARE: Patent.pgm
/ SEQ ID NO 568
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..15
/ OTHER INFORMATION: microsequencing oligo for 99-1481-285.m182
US-09-218-207-568

Query Match      0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3753 AACCTCAAGATGCT 3766
DB      16 AACCTCAAGATGCT 3766
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Db 15 AACCTCAAGATGCT 2

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RESULT 1748
US-09-218-207-573/c
; Sequence 573, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CPI
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 573
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: microsequencing oligo for 99-1493-280.m1a2
US-09-218-207-573
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Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 4494 ATGGCGTTGGCTG 4507
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19 ATGGCGTTGGCTG 6
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RESULT 1749
US-09-135-202-33/c
; Sequence 33, Application US/09135202
; Patent No. 6399754
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6399754r18
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,202
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Luciel
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
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TELECOMMUNICATION INFORMATION:

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TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-135-202-33
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Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 4471 TTTTCTTTTCTG 4484
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16 TTTTCTTTTCTG 3
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RESULT 1750
US-09-597-735-67/c
; Sequence 67, Application US/09597735
; Patent No. 6420124
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,735
; CURRENT FILING DATE: 2000-06-19
; EARLIER APPLICATION NUMBER: 09/135,010
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 67
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-735-67
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Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 3450 ACTTCTCTCCCTG 3463
|||||
18 ACTTCTCTCCCTG 5
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RESULT 1751
US-09-444-295-67/c
; Sequence 67, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN mink which
; CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
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1 TITLE OF INVENTION: KONEE AS AN LQT GENE
2
3 FILE REFERENCE: 2323-131
4
5 CURRENT APPLICATION NUMBER: US/09/444,255
6
7 CURRENT FILING DATE: 1999-11-22
8
9 PRIOR APPLICATION NUMBER: 09/135,020
10
11 PRIOR FILING DATE: 1998-08-17
12
13 PRIOR APPLICATION NUMBER: 08/921,068
14
15 PRIOR FILING DATE: 1997-08-29
16
17 PRIOR APPLICATION NUMBER: 08/739,383
18
19 PRIOR FILING DATE: 1996-10-29
20
21 PRIOR APPLICATION NUMBER: 60/019,014
22
23 PRIOR FILING DATE: 1995-12-22
24
25 PRIOR APPLICATION NUMBER: 60/094,477
26
27 PRIOR FILING DATE: 1998-07-29
28
29 NUMBER OF SEQ ID NOS: 114
30
31 SOFTWARE: PatentIn Ver. 2.0
32
33 SEQ ID NO: 67
34
35 LENGTH: 19
36
37 TYPE: DNA
38
39 ORGANISM: Homo sapiens
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Query Match	0.2%	Score 14;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 1.8e+03;		
Matches 14;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	3450	ACTTCTCCTCCCTG	3463
Db	18	ACTTCTCCTCCCTG	5

RESULT 1752
US-09-597-732-67/c

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Sequence 67, Application US/09597732
Patent No. 6451534
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael A.
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQ1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/597,732
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,363
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 67
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-597-732-67

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Query Match	0.2%	Score 14;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 1.8e+03;		
Matches	14;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0

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Oy      3450 ACTTCTCCTCCCTG 3463
          |||||
Db      18  ACTTCTCCTCCCTG 5

```

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RESULT 1753
; Sequence 29, Application US/08802331
; Patent No. 6451991
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D.
; APPLICANT: Montia, Brett
; APPLICANT: Martin, Pierre
; APPLICANT: Altman, Karl-Heinz
; TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
; FILE REFERENCE: ISNO0083
; CURRENT APPLICATION NUMBER: US/08/802,331
; CURRENT FILING DATE: 1997-02-11
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: No. 6451991e1 Sequence
US-08-802-331-29

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Query Match	0.2%	Score 14;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 1.8e+03;		
Matches 14;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4471	TTTTTTTTTTTTTTG	4484
Db	16	TTTTTTTTTTTTTTG	3

RESULT 1754

US-09-389-283-33/C
Sequence 33, Application US/09389283
Patent No. 6531584
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawaaski
TITLE OF INVENTION: 2',Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584/18
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/389,283
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/035,357
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Iacgi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-09-389-283-33
Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4471 TTTTCTTTTCTG 4484
DB 16 TTTTCTTTTCTG 3
RESULT 1755
US-09-422-978-9216
Sequence 9216, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPL
CURRENT APPLICATION NUMBER: US/09/422, 978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298, 850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109, 732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082, 614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9216
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-23204 for SEQ 1351, in complement
US-09-422-978-9216
Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3447 CTTACTCTCTCTCC 3460
DB 3 CTTACTCTCTCTCC 16
RESULT 1756
US-09-597-731-67/c
Sequence 67, Application US/09597731
Patent No. 6582913
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanginetti, Michael C.
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/597, 731
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135, 010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921, 068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739, 383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019, 014

PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 67
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-597-731-67
Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3450 ACTTCTCTCTCC 3463
DB 18 ACTTCTCTCTCC 5
RESULT 1757
US-08-442-001C-62/c
Sequence 62, Application US/08442001C
Patent No. 6596536
GENERAL INFORMATION:
APPLICANT: THIERRY, HERCEND
APPLICANT: TRIEBEL, FREDERIC
APPLICANT: ROMAN-ROMAN, SERGIO
APPLICANT: FERRADINI, LAURENT
TITLE OF INVENTION: NUCLEOTIDE SEQUENCE CODING FOR VARIABLE REGIONS OF THE ALPHA
TITLE OF INVENTION: CHAINS OF HUMAN T LYMPHOCYTE RECEPTORS, CORRESPONDING PEPTIDE
FILE REFERENCE: 146.1159-CON-DIV
CURRENT APPLICATION NUMBER: US/08/442, 001C
CURRENT FILING DATE: 1995-05-16
PRIOR APPLICATION NUMBER: 08/348, 572
PRIOR FILING DATE: 1994-12-02
PRIOR APPLICATION NUMBER: 07/934, 529
PRIOR FILING DATE: 1992-11-24
PRIOR APPLICATION NUMBER: PCT/FR 92/00111
PRIOR FILING DATE: 1992-02-07
PRIOR APPLICATION NUMBER: FR 91/04527
PRIOR FILING DATE: 1991-04-12
PRIOR APPLICATION NUMBER: FR 91/01487
PRIOR FILING DATE: 1991-02-08
NUMBER OF SEQ ID NOS: 84
SOFTWARE: PatentIn version 3.1
SEQ ID NO 62
LENGTH: 19
TYPE: DNA
ORGANISM: OLIGONUCLEOTIDE
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: OLIGONUCLEOTIDE, TYPE C Beta C, POSITION 58
US-08-442-001C-62
Query Match 0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4123 TTGAGCCATCAGAA 4136
DB 19 TTGAGCCATCAGAA 6
RESULT 1758
US-09-370-541-4/c
Sequence 4, Application US/09370541
Patent No. 6638062
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric

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; TITLE OF INVENTION: Compounds Prepared Therefrom
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; US-09-370-541-4

Query Match          0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT TTTT G 4484
DB      16  TTTT TTTT TTTT TTTT G 3

RESULT 1759
US-09-856-747-3/C
; Sequence 3, Application US/09856747
; Patent No. 6656688
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RSP-0116
; CURRENT APPLICATION NUMBER: US/09/856,747
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
; US-09-856-747-3

Query Match          0.2%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      939 TGAGCAGCCCAAGC 952
DB      17  TGAGCAGCCCAAGC 4

RESULT 1760
US-09-560-594-59
; Sequence 59, Application US/09560594
; Patent No. 6242590
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
; FILE REFERENCE: RTS-0144
```

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; CURRENT APPLICATION NUMBER: US/09/560,594
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-560-594-59

Query Match          0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      161 CACGCTGACCTTCA 174
DB      6  CACGCTGACCTTCA 19

RESULT 1761
US-07-984-044A-25
; Sequence 25, Application US/07984044A
; Patent No. 5461145
; GENERAL INFORMATION:
; APPLICANT: Kudo, T. et al.
; TITLE OF INVENTION: Sexing Method Of Bovine Embryos
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/984,044A
; FILING DATE: 02-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mierock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7005-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8664/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-984-044A-25

Query Match          0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7461 AGTGCTCTCATTT 7474
DB      6  AGTGCTCTCATTT 19

RESULT 1762
US-08-088-658-33
; Sequence 33, Application US/08088658
```

Patent No. 5641625
GENERAL INFORMATION:
APPLICANT: Ecker, David J.
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf H.
APPLICANT: M. Ilegard, Niels E.
TITLE OF INVENTION: HIGH ORDER STRUCTURE AND BINDING OF PEPTIDE
TITLE OF INVENTION: NUCLEIC ACIDS
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5641625rls
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/088,658
FILING DATE: 19930702
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/054,363
FILING DATE: 26-APRIL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Lucchi, Joseph
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-1052
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-1100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-088-658-33

Query Match 0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 70.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Oy 4464 TTTTNTTTTNTTTTNTTTT 4483
|||||
Db 1 TTTTNTTTNNNNNTTTTNTTT 20

RESULT 1763
US-08-458-393-25
Sequence 25, Application US/08458393
Patent No. 5661011
GENERAL INFORMATION:
APPLICANT: Kudo, T. et al.
TITLE OF INVENTION: Sexing Method Of Bovine Embryos
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,393
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/984,044
FILING DATE: 02-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7005-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-458-393-25

Query Match 0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 7461 AGTGGCTTCTATTT 7474
|||||
Db 6 AGTGGCTTCTATTT 19

RESULT 1764
US-08-117-952-15
Sequence 15, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen B.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHEITICAL: NO
ANTI-SENSE: NO
US-08-117-952-15

Query Match 0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6423 CTGTGCGCTCTCTAT 6436
DB 2 CTGTGCGCTCTCTAT 15

RESULT 1765
US-08-471-907A-33
Sequence 33, Application US/08471907A
Patent No. 5986053
GENERAL INFORMATION:
APPLICANT: Eckert, David J.
APPLICANT: Buchardt, Ole
APPLICANT: Esholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf H.
APPLICANT: M illegard, Niels E.
TITLE OF INVENTION: HIGH ORDER STRUCTURE AND BINDING OF PEPTIDE
TITLE OF INVENTION: NUCLEIC ACIDS
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5986053ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,907A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/088,658
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Lucci, Joseph
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-1052
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-471-907A-33

Query Match

Best Local Similarity 0.2%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB 1 TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 1766
US-09-280-805-79
Sequence 79, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-79

Query Match 0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5671 GGGTCTCTGTGTC 5684
DB 2 GGGTCTCTGTGTC 15

RESULT 1767
US-09-488-671-114/C
Sequence 114, Application US/09488671A
Patent No. 6187545
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
FILE REFERENCE: RTS-0123
CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 114
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-468-671-114

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 TGCATGAGCCCTG 648
DB 20 TGCATGAGCCCTG 7

RESULT 1768
US-09-517-584A-81/c
; Sequence 81, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-81

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3193 TGGGAAAGTGAGG 3206
DB 16 TGGGAAAGTGAGG 3

RESULT 1769
US-09-844-634-64
; Sequence 64, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-64

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2561 AGCTGTGCCACT 2574
DB 3 AGCTGTGCCACT 16

RESULT 1770

US-09-470-443-64/c
; Sequence 64, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Lactif, Farida
; APPLICANT: Mel, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-64

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3847 ATGCTCTCTTTCT 3860
DB 15 ATGCTCTCTTTCT 2

RESULT 1771
US-09-851-062-4/c
; Sequence 4, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Prolier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-851-062-4

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2399 CAGCTGGACCA 2412
DB 16 CAGCTGGACCA 3

RESULT 1772
US-08-275-951-46
; Sequence 46, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael

```

/ APPLICANT: Coull, James M.
/ APPLICANT: Nielsen, Peter
/ APPLICANT: Buchardt, Ole
/ APPLICANT: Dueholm, Kim L.
/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: IS151577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIORITY APPLICATION NUMBER: 08/108,591
PRIORITY FILING DATE: 1993-11-22
PRIORITY APPLICATION NUMBER: 08/088,658
PRIORITY FILING DATE: 1993-07-02
PRIORITY APPLICATION NUMBER: 08/088,661
PRIORITY FILING DATE: 1993-07-02
PRIORITY APPLICATION NUMBER: PCT/EP92/01219
PRIORITY FILING DATE: 1992-05-22
PRIORITY APPLICATION NUMBER: 986/91
PRIORITY FILING DATE: 1991-05-22
PRIORITY APPLICATION NUMBER: 510/92
PRIORITY FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
/ LENGTH: 20
/ TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 645196861 Sequence
NAME/KEY: misc_feature
LOCATION: (5)..(6)
OTHER INFORMATION: N is Pseudoisocytosine
NAME/KEY: misc_feature
LOCATION: (8)
OTHER INFORMATION: N is Pseudoisocytosine
NAME/KEY: misc_feature
LOCATION: (10)
OTHER INFORMATION: N is Pseudoisocytosine
NAME/KEY: misc_feature
LOCATION: (10)..(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
US-08-275-951-46

Query Match          0.2%  Score 14;  DB 1;  Length 20;
Best Local Similarity 77.8%;  Pred. NO. 2e+03;
Matches 14;  Conservative 0;  Mismatches 4;  Indels 0;  Gaps 0;

QY          5310  TTTGTGTTCTCTCTCTTT 5327
              |||  |||  |||  |||  |||
Db          3    TTTNTNTNTCTCTCTTT 20

RESULT 1773
US-09-422-978-6254
/ Sequence 6254, Application US/09422978
/ Patent No. 6537751
GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/238,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21

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```

; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6254
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10434 for SEQ 2320,
US-09-422-978-6254

Query Match          0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6986 ACAGAAATGAGGTGC 6999
      |||||
Db      1 ACAGAAATGAGGTGC 14

RESULT 1774
US-09-422-978-7396
; Sequence 7396, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7396
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-4238 for SEQ 3462,
US-09-422-978-7396

Query Match          0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7026 GGAATATGGAAC 7039
      |||||
Db      1 GGAATATGGAAC 14

RESULT 1775
US-09-198-452A-3923/C
; Sequence 3923, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffla, R.
; TITLE OF INVENTION: chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3923
; LENGTH: 20

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TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3923

Query Match 0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 ATCATGAGGTACA 730
DB 15 ATCATGAGGTACA 2

RESULT 1776
US-09-198-452A-6060/C
Sequence 6060, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffeis, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6060
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6060

Query Match 0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5051 ACATCTCTACACA 5064
DB 18 ACATCTCTACACA 5

RESULT 1777
US-09-860-473-70
Sequence 70, Application US/09860473
Patent No. 6656732
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-70

Query Match 0.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 31 AGCTGCTGAGGCT 44
DB 5 AGCTGCTGAGGCT 18

RESULT 1778
US-08-752-047-5/C
Sequence 5, Application US/08752047

Patent No. 5776685
GENERAL INFORMATION:
APPLICANT: Riedel, Heimo
TITLE OF INVENTION: PROTEIN KINASE C ASSAY
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 STATE STREET, Suite 510
CITY: BOSTON
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/752,047
FILING DATE: 19-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/293,744
FILING DATE:
APPLICATION NUMBER: US/08/089,043
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Paul L.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: JDP-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-752-047-5

Query Match 0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4473 TTTTCTTTTCTC 4486
DB 16 TTTTCTTTTCTC 3

RESULT 1779
US-08-403-888A-146
Sequence 146, Application US/08403888A
Patent No. 5952490
GENERAL INFORMATION:
APPLICANT: Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/403,888A
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 146:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-888A-146

Query Match      0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT G 4484
DB      1 TTTT TTTT TTTT G 14

RESULT 1780
US-08-711-417C-167/c
; Sequence 167, Application US/08711417C
; Patent No. 6228611
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Kalia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 202
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/711,417C
; FILING DATE: 05-SEP-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 08/121,438
; FILING DATE: 14-SEP-1993
; APPLICATION NUMBER: 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Louis P.
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: 10287/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; 
```

```

; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 167:
US-08-711-417C-167

Query Match      0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5965 AGAGAGAGGCACT 5978
DB      15 AGAGAGAGGCACT 2

RESULT 1781
US-09-422-978-9246/c
; Sequence 9246, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9246
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-23454 for SEQ 1381, in complex
US-09-422-978-9246

Query Match      0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4709 TACTTTAGACCTAG 4722
DB      14 TACTTTAGACCTAG 1

RESULT 1782
US-09-422-978-11157/c
; Sequence 11157, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11157
; LENGTH: 21
; 
```

TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-3019 for SEQ 3292, in compleme
US-09-422-978-11157

Query Match 0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5828 GAATCTCTGCATG 5841
DB 16 GAATCTCTGCATG 3

RESULT 1783
US-09-083-852A-9
Sequence 9, Application US/09083852A
Patent No. 6596930
GENERAL INFORMATION:
APPLICANT: MORIS, CRAIG F.
APPLICANT: GIBOUX, MICHAEL J.
TITLE OF INVENTION: MODIFICATION OF CEREAL GRAIN HARDNESS VIA EXPRESSION OF
TITLE OF INVENTION: PURINDOLINE PROTEINS
FILE REFERENCE: 0131.98
CURRENT APPLICATION NUMBER: US/09/083.852A
CURRENT FILING DATE: 1998-05-22
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Triticum aestivum
US-09-083-852A-9

Query Match 0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3861 CCTATTCCTCCTCA 3874
DB 8 CCTATTCCTCCTCA 21

RESULT 1784
US-09-723-909-167/C
Sequence 167, Application US/09723909
Patent No. 6630141
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/723.909
FILING DATE: 28-NO. 6630141-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/711.417
FILING DATE: 05-Sep-1996
APPLICATION NUMBER: 08/238.212

FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121.438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946.233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 167:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 167:
US-09-723-909-167

Query Match 0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5965 AGAGAGAGGCACT 5978
DB 15 AGAGAGAGGCACT 2

RESULT 1785
US-09-927-842-30
Sequence 30, Application US/09927842
Patent No. 6635427
GENERAL INFORMATION:
APPLICANT: Wiltner, Carl
APPLICANT: Crockett, Andrew
APPLICANT: Caplin, Brian
APPLICANT: Stevenson, Wade
APPLICANT: Wagner, Lori
APPLICANT: Chen, Jian
APPLICANT: Kusukawa, No. 6635427iko
TITLE OF INVENTION: Single-labeled Oligonucleotide Probes for Homogeneous Nucleic Ac
TITLE OF INVENTION: Sequence Analysis
Patent No. 6635427
FILE REFERENCE: 7475-67328
CURRENT APPLICATION NUMBER: US/09/927.842
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: US 60/224,726
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: US 60/240,610
PRIOR FILING DATE: 2000-10-16
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PatentIn version 3.0
SEQ ID NO 30
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-927-842-30

Query Match 0.2%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5820 GTGATGTAATC 5833
DB 4 GTGATGTAATC 17

RESULT 1786
US-08-123-449A-19

Sequence 19, Application US/08123449A
Patent No. 5583032
GENERAL INFORMATION:
APPLICANT: TORRENCE, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATAN, MAITRA
APPLICANT: KRISTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/123,449A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: NO
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 4
OTHER INFORMATION: A is linked at 2' end to following
OTHER INFORMATION: base through a linker moiety
US-08-123-449A-19
Query Match 0.2%; Score 14; DB 1; Length 22;
Best Local Similarity 77.3%; Pred. No. 2.3e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 4018 AGAAAAAGAGAAACAAA 4039
DB 1 AAAAAAAAAAAAAAAAAA 22

RESULT 1787
US-08-458-050-19
Sequence 19, Application US/08458050
Patent No. 5677289
GENERAL INFORMATION:
APPLICANT: TORRENCE, PAUL
APPLICANT: ROBERT, SILVERMAN

APPLICANT: RATAN, MAITRA
APPLICANT: KRISTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,050
FILING DATE: 01-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/123,449
FILING DATE: 17-SEP-1993
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: NO
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 4
OTHER INFORMATION: A is linked at 2' end to following
OTHER INFORMATION: base through a linker moiety
US-08-458-050-19
Query Match 0.2%; Score 14; DB 1; Length 22;
Best Local Similarity 77.3%; Pred. No. 2.3e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 4018 AGAAAAAGAGAAACAAA 4039
DB 1 AAAAAAAAAAAAAAAAAA 22

RESULT 1788
US-08-847-844A-94
Sequence 94, Application US/08847844A
Patent No. 6150160
GENERAL INFORMATION:
APPLICANT: KAZAZIAN JR., HAIG H.
APPLICANT: BOKEE, JEF D.
APPLICANT: MORAN, JOHN V.
APPLICANT: DOMBROSKI, BETH A.

TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF
TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,844A
FILING DATE: 28-APR-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/749,805
FILING DATE: 16-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/006,831
FILING DATE: 16-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY P.N.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9596-23U2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-567-2020
TELEFAX: 215-567-2991
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-847-844A-94

Query Match 0.2%; Score 14; DB 1; Length 22;
Best Local Similarity 77.3%; Pred. No. 2.3e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1789
US-08-950-196-19
Sequence 19, Application US/08950196
Patent No. 6271369
GENERAL INFORMATION:
APPLICANT: TORRENCE, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATN, MAITRA
APPLICANT: KRISTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CURRENT FILING DATE: 2000-12-22
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: PCT/JP99/03381
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version

SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/950,196
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/123,449
FILING DATE:
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 4
OTHER INFORMATION: A is linked at 2' end to following
OTHER INFORMATION: base through a linker moiety
US-08-950-196-19

Query Match 0.2%; Score 14; DB 1; Length 22;
Best Local Similarity 77.3%; Pred. No. 2.3e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1790
US-09-720-201A-25
Sequence 25, Application US/09720201A
Patent No. 6524853
GENERAL INFORMATION:
APPLICANT: KOHARA, MICHINORI
APPLICANT: KOHARA, KYOKO
APPLICANT: TAIRA, KAZUNARI
APPLICANT: MATSUZAKI, JUNICHI
APPLICANT: OHMORI, HIROSHI
TITLE OF INVENTION: A VECTOR EXPRESSING AN RNA VIRAL FULL-LENGTH GENE AND
TITLE OF INVENTION: ITS USE
FILE REFERENCE: 04853.0051-00000
CURRENT APPLICATION NUMBER: US/09/720,201A
CURRENT FILING DATE: 2000-12-22
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: JP 98/177,820
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458, 050
FILING DATE: 01-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/123,449
FILING DATE: 17-SEP-1993
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034,001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-458-050-1

Query Match 0.24; Score 14; DB 1; Length 22;
Best Local Similarity 77.3%; Pred. No. 2.3e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4022 AAAAGAGAAACAAATGTT 4043

Db 22 AAAAGAGAAACAAATGTT 1

RESULT 1794
US-08-458-050-2/c
Sequence 2, Application US/08458050
Patent No. 5677289
GENERAL INFORMATION:
APPLICANT: TORENC, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATAN, MAITRA
APPLICANT: KRISTINA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458, 050

FILING DATE: 01-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/123,449
FILING DATE: 17-SEP-1993
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034,001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-458-050-2

Query Match 0.24; Score 14; DB 1; Length 22;
Best Local Similarity 77.3%; Pred. No. 2.3e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4022 AAAAGAGAAACAAATGTT 4043

Db 22 AAAAGAGAAACAAATGTT 1

RESULT 1795
US-08-950-196-1/c
Sequence 1, Application US/08950196
Patent No. 6271369
GENERAL INFORMATION:
APPLICANT: TORENC, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATAN, MAITRA
APPLICANT: KRISTINA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/950,196
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/123,449
FILING DATE:
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034,001QPC
TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-950-196-1

Query Match
Best Local Similarity 77.3%; Score 14; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAACAAATGTT 4043
Db 22 AAAAAAAAAAAAAAAAAATTTT 1

RESULT 1796
US-08-950-196-2/C
; Sequence 2, Application US/08950196
; Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MATTRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Pedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.0010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-950-196-1
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; ORIGINAL SOURCE:
; US-08-950-196-2

Query Match
Best Local Similarity 77.3%; Score 14; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAACAAATGTT 4043
Db 22 AAAAAAAAAAAAAAAAAATTTT 1

RESULT 1797
US-09-750-401-17
; Sequence 17, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
; US-09-750-401-17

Query Match
Best Local Similarity 0.0%; Score 14; DB 1; Length 22;
Matches 0; Conservative 17; Mismatches 5; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTTGT 4485
Db 1 UUUUUUUUUUUUUUUUUUUU 22

RESULT 1798
US-09-750-401-19
; Sequence 19, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
; US-09-750-401-19

Query Match
Best Local Similarity 0.0%; Score 14; DB 1; Length 22;
Matches 0; Conservative 17; Mismatches 5; Indels 0; Gaps 0;
```


APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: Cloning And Expression Of Pur Protein
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/014,943A
FILING DATE: 02/FEB/1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-033
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-014-943A-25

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAA 4039
DB 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1803
US-08-486-421-50
Sequence 50, Application US/08486421
Patent No. 5672479
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,421
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911

FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-421-50

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAA 4039
DB 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1804
US-08-470-911-50
Sequence 50, Application US/08470911
Patent No. 5756684
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,911
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-470-911-50

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Db 1 | ||||| | ||||| |||||
1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1808
US-09-201-674-1
; Sequence 1, Application US/09201674
; Patent No. 6110682
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J.
; Dahm, Sueann
; Troll, Mark
; TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hewlett-Packard Company, Legal Dept.,
; Intellectual Property
; STREET: 1501 Page Mill Road, MS 4U-10
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1126
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,674
; FILING DATE: 30-No. 6110682-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/735,361
; FILING DATE: 21-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10950427-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-857-4125
; TELEFAX: 650-852-8063
; TELEX: 348-461
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-201-674-1

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1809
US-09-536-936-11
; Sequence 11, Application US/09536936
; Patent No. 6346384
; GENERAL INFORMATION:
; APPLICANT: Pollner, Reinhold
; TITLE OF INVENTION: Real Time Monitoring of PCR Using LOCI
; FILE REFERENCE: BEH-7438
; CURRENT APPLICATION NUMBER: US/09/536,936
; CURRENT FILING DATE: 2001-06-11

; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide attached to beads
US-09-536-936-11

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1810
US-09-025-639-4
; Sequence 4, Application US/09025639
; Patent No. 6365346
; GENERAL INFORMATION:
; APPLICANT: Kurn, Murith
; APPLICANT: Patel, Rajesh D.
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/09/025,639
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: (1)..(24)
; OTHER INFORMATION: Synthetic DNA Probe
US-09-025-639-4

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1811
US-09-333-237-4
; Sequence 4, Application US/09333237
; Patent No. 6406667
; GENERAL INFORMATION:
; APPLICANT: Singh, Sharat
; APPLICANT: Ullman, Edwin F.
; TITLE OF INVENTION: Chemiluminescent Compositions For Use In
; FILE REFERENCE: BEH-7383A
; CURRENT APPLICATION NUMBER: US/09/333,237
; CURRENT FILING DATE: 1999-06-15
; PRIOR APPLICATION NUMBER: 09/025,624
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: detection probe bound to sensitizer particle
US-09-333-237-4

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1812

US-09-732-067-1
Sequence 1, Application US/09732067
Patent No. 6457426
GENERAL INFORMATION:
APPLICANT: Ullman, Edwin
APPLICANT: Singh, Rajendra
APPLICANT: Decker, Steve
APPLICANT: Davallan, Darliah
TITLE OF INVENTION: Amplified Luminescent Homogeneous
FILE REFERENCE: BEH-7385
CURRENT APPLICATION NUMBER: US/09/732,067
CURRENT FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: hybridization oligo
US-09-732-067-1

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1813

US-10-043-415-4
Sequence 4, Application US/10043415
Patent No. 6573054
GENERAL INFORMATION:
APPLICANT: Kurn, Nurlich
APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic
Acid Amplification Products
FILE REFERENCE: BEH-7408
CURRENT APPLICATION NUMBER: US/10/043,415
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US/09/025,639
PRIORITY FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
NAME/KEY: m1ec binding
LOCATION: (1)...(24)
OTHER INFORMATION: Synthetic DNA Probe
US-10-043-415-4

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;

Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1814

US-09-854-317-1
Sequence 1, Application US/09854317
Patent No. 6582938
GENERAL INFORMATION:
APPLICANT: Su, Xing
APPLICANT: Dong, Hejin
APPLICANT: Ryder, Thomas B.
TITLE OF INVENTION: Amplification of Nucleic Acids
FILE REFERENCE: 3234.2
CURRENT APPLICATION NUMBER: US/09/854,317
CURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: artificial sequence
FEATURES:
OTHER INFORMATION: synthetic oligonucleotide
US-09-854-317-1

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 1815

US-09-496-632C-11/c
Sequence 11, Application US/09496632C
Patent No. 6468789
GENERAL INFORMATION:
APPLICANT: BAYSAL, Bora E.
APPLICANT: FERRELL, Robert E.
APPLICANT: DEVLIN, Bernie J.
APPLICANT: WILLETT-BROZICK, Joan E.
TITLE OF INVENTION: OXYGEN SENSING AND HYPOXIC SELECTION FOR TUMORS
FILE REFERENCE: 99-484-US
CURRENT APPLICATION NUMBER: US/09/496,632C
CURRENT FILING DATE: 2000-02-02
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-09-496-632C-11

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3259 AAAAGACTAGATTGTTTAA 3280
Db 22 AAAAGACCGATTCAATAAAG 1

RESULT 1816

US-09-496-632C-12/c
Sequence 12, Application US/09496632C
Patent No. 6468789
GENERAL INFORMATION:

APPLICANT: BAYSAL, Bora E.
APPLICANT: FERRELL, Robert E.
APPLICANT: DEVLIN, Bernie J.
APPLICANT: WILLET-BRODICK, Joan E.
TITLE OF INVENTION: OXYGEN SENSING AND HYPOXIC SELECTION FOR TUMORS
FILE REFERENCE: 99-484-US
CURRENT APPLICATION NUMBER: US/09/496,632C
CURRENT FILING DATE: 2000-02-02
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-09-496-632C-12

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3259 AAAAGGCTAGATTGTTTAA 3280
DB 22 AAAAGGACGAGATTCAAAAAG 1

RESULT 1817
US-08-924-695A-22
Sequence 22, Application US/08924695A
Patent No. 5998583
GENERAL INFORMATION:
APPLICANT: KORSMEYER, STANLEY J.
TITLE OF INVENTION: BH3 INTERACTING DOMAIN DEATH AGONIST
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BLVD., SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,695A
FILING DATE: 09-SEP-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971798
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-924-695A-22

Query Match 0.2%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 2.6e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2727 GGGCCTGGCCAAAGCCTGAG 2748
DB 3 GGACCTGGCCAGCTGCCTGGAG 24

RESULT 1818
US-08-341-148-2/c
Sequence 2, Application US/08341148
Patent No. 5610287
GENERAL INFORMATION:
APPLICANT: NIKIFOROV, THEO
APPLICANT: KNAPP, MICHAEL
TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC
TITLE OF INVENTION: ACID MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/341,148
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I
REGISTRATION NUMBER: 32,680
REFERENCE/DOCKET NUMBER: 639-105
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Equus caballus
IMMEDIATE SOURCE:
CLONE: Biotin-T25
US-08-341-148-2

Query Match 0.2%; Score 14; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 2.7e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAAA 4039
DB 25 AAAAAAAAAAAAAAAAAAAAA 4

RESULT 1819
US-08-460-130-2/c
Sequence 2, Application US/08460130
Patent No. 5734020
GENERAL INFORMATION:
APPLICANT: YUAN, N. MONG
TITLE OF INVENTION: Production and Use
TITLE OF INVENTION: Of Magnetic Porous Inorganic Materials
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: CPG, Inc.
STREET: 3 Borinski Road
CITY: Lincoln Park
STATE: New Jersey
COUNTRY: United States of America

ZIP: 07035
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density
MEDIUM TYPE: 5 1/4" diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version
OPERATING SYSTEM: 3.20
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460.130
FILING DATE: 2 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/307,307
FILING DATE: 16 September 1994
APPLICATION NUMBER: 07/794,910
FILING DATE: 20 No. 5734020emder 1991
ATTORNEY/AGENT INFORMATION:
NAME: Irons, Edward S.
REGISTRATION NUMBER: 16,541
REFERENCE/DOCKET NUMBER: Wong
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 626-3564
TELEFAX: (202) 783-6031
TELEX: No. 5734020e
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 25
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Unknown
US-08-460-130-2

Query Match 0.2%; Score 14; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 2.7e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4018 AGAAAAAGAGAGAAACAAA 4039
DB 25 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1820
US-08-969-813-1/C
Sequence 1, Application US/08969813
Patent No. 6060246
GENERAL INFORMATION:
APPLICANT: Sumner, James E.
APPLICANT: Weller, Dwight D.
APPLICANT: Wages, John M.
TITLE OF INVENTION: Reagent and Method for Isolation
TITLE OF INVENTION: and Detection of Selected Nucleic Acid Sequences
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: US
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/969,813
FILING DATE: 13-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,963
FILING DATE: 15-NOV-1996
ATTORNEY/AGENT INFORMATION:

NAME: Gortney, Leahnn
REGISTRATION NUMBER: 37,337
REFERENCE/DOCKET NUMBER: 0450-0013.30
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
TELEFAX: 650-324-0960
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-969-813-1

Query Match 0.2%; Score 14; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 2.7e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4018 AGAAAAAGAGAGAAACAAA 4039
DB 25 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1821
US-09-183-619-5/C
Sequence 5, Application US/09183619
Patent No. 6103474
GENERAL INFORMATION:
APPLICANT: DELLINGER, DOUGLAS J.
APPLICANT: DAHM, SUEANN C.
APPLICANT: LITNEY, DYANE D.
APPLICANT: ACH, ROBERT A.
APPLICANT: TROLL, MARK A.
TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
FILE REFERENCE: 10981619-1
CURRENT APPLICATION NUMBER: US/09/183,619
CURRENT FILING DATE: 1998-10-30
EARLIER APPLICATION NUMBER: 08/735,381
EARLIER FILING DATE: 1996-10-21
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 25
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reporter probe
US-09-183-619-5

Query Match 0.2%; Score 14; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 2.7e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4018 AGAAAAAGAGAGAAACAAA 4039
DB 25 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1822
US-09-282-734-23/C
Sequence 23, Application US/09282734A
Patent No. 6537749
GENERAL INFORMATION:
APPLICANT: Robert G. Kuimelis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/09/282,734A
CURRENT FILING DATE: 1999-03-03
EARLIER APPLICATION NUMBER: 60/080,686
EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Capture probe sequence
US-09-282-734-23

Query Match 0.2%; Score 14; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 2.7e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAAACAAA 4039
DB 25 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1823
PCT-US94-14096-2/c
; Sequence 2, Application PC/TUS94114096
; GENERAL INFORMATION:
; APPLICANT: NIKIFOROV, THEO
; APPLICANT: KNAPE, MICHAEL
; TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/14096
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I
; REGISTRATION NUMBER: 32,680
; REFERENCE/DOCKET NUMBER: 639-105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Equus caballus
; IMMEDIATE SOURCE:
; CLONE: Biotin-T25
; PCT-US94-14096-2

Query Match 0.2%; Score 14; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 2.7e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAAACAAA 4039
DB 25 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1824
US-08-621-914A-3/c
; Sequence 3, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIRUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-3

Query Match 0.2%; Score 14; DB 1; Length 26;
Best Local Similarity 77.3%; Pred. No. 2.8e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAAACAAA 4039
DB 25 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1825
US-08-910-632-5
; Sequence 5, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220,00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; EARLIER FILING DATE: 1997-08-13
; EARLIER APPLICATION NUMBER: 08/805,631
; EARLIER FILING DATE: 1997-02-26
; EARLIER APPLICATION NUMBER: 08/393,439
; EARLIER FILING DATE: 1995-02-23
; EARLIER APPLICATION NUMBER: 08/047,860
; EARLIER FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: synthetic AS83 DNA nanocircle
US-08-910-632-5

Query Match 0.2%; Score 14; DB 1; Length 26;
Best Local Similarity 77.3%; Pred. No. 2.8e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGACAAACAAA 4039
DB 2 AAAAAAAAAACAAAAAAA 23

RESULT 1826
US-08-805-631A-5
Sequence 5, Application US/08805631A
Patent No. 6096880
GENERAL INFORMATION:
APPLICANT: UNIVERSITY OF ROCHESTER
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
STREET: 119 No. 6096880th Fourth Street, Suite 201
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/805,631A
FILING DATE: 26-FEB-97
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 220.00010140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
US-08-805-631A-5

Query Match 0.2%; Score 14; DB 1; Length 26;
Best Local Similarity 77.3%; Pred. No. 2.8e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGACAAACAAA 4039
DB 2 AAAAAAAAAACAAAAAAA 23

RESULT 1827
US-09-569-344-5
Sequence 5, Application US/09569344
Patent No. 6368602

GENERAL INFORMATION:
APPLICANT: UNIVERSITY OF ROCHESTER
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
DNA

NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
STREET: 119 No. 6368602th Fourth Street, Suite 201
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/569,344
FILING DATE: 11-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/805,631
FILING DATE: 26-FEB-97
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 220.00010140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-569-344-5

Query Match 0.2%; Score 14; DB 1; Length 26;
Best Local Similarity 77.3%; Pred. No. 2.8e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGACAAACAAA 4039
DB 2 AAAAAAAAAACAAAAAAA 23

RESULT 1828
US-08-784-208-3/c
Sequence 3, Application US/08784208
Patent No. 5968784
GENERAL INFORMATION:
APPLICANT: Spinnella, Dominic G.
TITLE OF INVENTION: METHOD FOR ANALYZING
TITLE OF INVENTION: QUANTITATIVE EXPRESSION
OF GENES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

```

1 COMPUTER READABLE FORM:
2 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
3 MEDIUM TYPE: storage
4 COMPUTER: IBM Compatible
5 OPERATING SYSTEM: IBM P.C. DOS 5.0
6 SOFTWARE: Fastseq for Windows 2.0
7 CURRENT APPLICATION DATA:
8 APPLICATION NUMBER: US/08/784,208
9 FILING DATE: January 15, 1997
10 CLASSIFICATION: 435
11 PRIOR APPLICATION DATA:
12 APPLICATION NUMBER:
13 FILING DATE:
14 ATTORNEY/AGENT INFORMATION:
15 NAME: Warburg, Richard J.
16 REGISTRATION NUMBER: 32,327
17 REFERENCE/DOCKET NUMBER: 222/167
18 TELECOMMUNICATION INFORMATION:
19 TELEPHONE: (213) 489-1600
20 TELEFAX: (213) 955-0440
21 TELE: 67-3510
22 INFORMATION FOR SEQ ID NO: 3:
23 SEQUENCE CHARACTERISTICS:
24 LENGTH: 32 base pairs
25 TYPE: nucleic acid
26 STRANDEDNESS: single
27 TOPOLOGY: linear
28
29 US-08-784-208-3

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Query Match Similarity      0.2%; Score 14; DB 1; Length 32;
Best Local Similarity      77.3%; Pred No. 3.1e+03;
Matches    17; Conservative    0; Mismatches    5; Indels    0; Gaps    0.

OY          4017 GAGAAAAAAGACAGAAACA   4038
            ||||| | | | | | | | | | |
Db          22 GCGAAAAAAAAAAAAAAAAAAA   1

RESULT 1829
US-08-373-124A-970/C
Sequence 970, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
Applicant: Stinchcomb, Dan T.
Applicant: Draper, Kenneth
Applicant: McSwigen, James
Applicant: Jarvis, Thale
Title Of Invention: METHODS AND COMPOSITIONS FOR
Title Of Invention: TREATMENT OF RESTENOSIS AND
Title Of Invention: CANCER USING RIBOZYMES
Number Of Sequences: 2627
Correspondence Address:
Addressee: Lyon & Lyon
Street: 633 West Fifth Street
Street: Suite 4700
City: Los Angeles
State: California
Country: U.S.A.
Zip: 90071

COMPUTER READABLE FORM:
Medium Type: 3.5" Diskette, 1.44 Mb
Medium Type: Storage
Computer: IBM Compatible
Operating System: IBM P.C. DOS 5.0
Software: Word Perfect 5.1
CURRENT APPLICATION DATA:
Application Number: US/08/373,124A
Filing Date: January 13, 1995
Prior Application Data:
Application Number: 08/245,466
Filing Date: May 18, 1994
Application Number: 08/192,943
Filing Date: February 7, 1994

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APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 970:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-970

Query Match      0.2%; Score 13.0; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5482 AAAAGATATTTTGA 5498
      ||||| ||||| |||||
Db      17 AAAAATATATTTTGA 1

RESULT 1830
US-08-373-124A-1054
Sequence 1054, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1054:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1054

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 1.6e+03;
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 6682 TTAATTTTATTATATA 6698
DB 1 UUAUUUUUUAUUUAUA 17

RESULT 1831
US-08-373-124A-1967
Sequence 1967, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1967:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-1967

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 3479 CTAGTAATCTTAGGC 3495
DB 1 CAGUAAUACUUAUUGC 17

RESULT 1832
US-08-373-124A-2147
Sequence 2147, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2147:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2147

Query Match 0.2%; Score 13.8; DB 1; Length 17;

Best Local Similarity 11.8%; Pred. No. 1.6e+03;
Matches 2; Conservative 13; Mismatches 2; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTT 4478
DB 1 ACUUUUUUUUUUUUUU 17

RESULT 1833
US-08-327-525A-6/c
Sequence 6, Application US/08327525A
Patent No. 5795716
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
APPLICANT: Mang, Chunwei
APPLICANT: Devons, Luis C.
APPLICANT: Bernhart, Derek H.
APPLICANT: Lipshutz, Robert J.
TITLE OF INVENTION: Computer-Aided Visualization and
TITLE OF INVENTION: Analysis System for Sequence Evaluation
Patent No. 5795716
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/327,525A
FILING DATE: October 21, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5795716v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528X-82
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-327-525A-6
Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5588 TCATGTGATTTGGTTT 5604
DB 17 TCATGTGATTTGGTTT 1
RESULT 1834
US-08-758-306-453/c
Sequence 453, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 453:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-453
Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3213 GAAAGTGGTGGAGGA 3229
DB 17 GAAAGTGGTGGAGGA 1
RESULT 1835
US-08-758-306-661
Sequence 661, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STREET: Suite 4700
STATE: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 661:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-661

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarly 70.6%; Pred. No. 1.6e+03;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 4978 TGCCCTATAGGCACAG 4994
DB 1 UGCACDUAAGUACAG 17

RESULT 1836
US-08-435-628-970/C
Sequence 970, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Javris, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,112
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 970:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-970

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarly 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5482 AAAAGTATATTTTGA 5498
DB 17 AAAAATTAATTTTGA 1

RESULT 1837
US-08-435-628-1054
Sequence 1054, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Javris, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,112
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1054:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1054

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 1.6e+03;
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy 6682 TTATTATTATTATA 6698
Db 1 UUAUUUUUAUAUAUA 17

RESULT 1838
US-08-435-628-1967
Sequence 1967, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESSES:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1967:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-435-628-1967

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 3479 CTAGTAATCTTAAGGC 3495
Db 1 CAAGUAUACUUAUGC 17

RESULT 1839
US-08-435-628-2147
Sequence 2147, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESSES:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2147:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2147

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 1.6e+03;
Matches 2; Conservative 13; Mismatches 2; Indels 0; Gaps 0;

FILING DATE: October 16, 1995
CLASSIFICATION: 382
ATTORNEY/AGENT INFORMATION:
NAME: Rilter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFPP006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-531-137B-6

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5588 TCATGTGATTGGTTT 5604
DB 17 TCATGTGATTGGTTT 1

RESULT 1843
US-08-985-162-434
Sequence 434, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 434:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-434

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.6e+03;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 584 GAATCTTAAGTCTCC 600
DB 1 GCATCUUAGGCTCC 17

RESULT 1844
US-08-988-706-24
Sequence 24, Application US/08988706
Patent No. 6083698
GENERAL INFORMATION:
APPLICANT: OLSEN, Sheri J.
APPLICANT: ANGELLY, Tracy S.
APPLICANT: LAWRENCE, Tammy
APPLICANT: LESCALBERT, Jennifer L.
APPLICANT: MOREHY, Patricia D.
APPLICANT: ALLEN, Antoinette P.
APPLICANT: THRUBER, Denise B.
APPLICANT: WHITE, Marga B.
APPLICANT: ZENG, Bin
APPLICANT: SADZEWICZ, Lisa K.
TITLE OF INVENTION: CANCER SUSCEPTIBILITY MUTATIONS OF BRCA1
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oncomed, Inc.
STREET: 205 Perry Parkway
City: Gaithersburg
STATE: MD
COUNTRY: USA
ZIP: 20877
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/988,706
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: TARCZA, John E.
REGISTRATION NUMBER: 33,638
REFERENCE/DOCKET NUMBER: PA-0108
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-208-1888
TELEFAX: 301-926-6125
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PROBE"
HYPOTHEICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
STRAIN: BRCA1
US-08-988-706-24

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5538 GAAAGTGTCATGCA 5554
DB 1 GATGAGTGTCATGCA 17

RESULT 1845

US-08-913-833-56
Sequence 56, Application US/08913833
Patent No. 6087093
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-913-833-56

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3257 AGAAAGACTAGATT 3273
DB 1 AGAAAGTACTAGATT 17

RESULT 1846

US-08-628-747-20
Sequence 20, Application US/08628747
Patent No. 6163070
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul J.
APPLICANT: Hammonds, R. Glenn
APPLICANT: Mark, Melanie

APPLICANT: Mather, Jennie P.
APPLICANT: Li, Ronghao
TITLE OF INVENTION: RECEPTOR ACTIVATION BY GAS6
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: One DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: United States
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,747
FILING DATE: 17-Apr-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/402,253
FILING DATE: 10-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/438,861
FILING DATE: 10-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 00,000
REFERENCE/DOCKET NUMBER: P929P2PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-225-1994
TELEFAX: 650-952-9881
TELEX: 910-371-7168
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-08-628-747-20

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1543 ATGAGATCAAGCTG 1559
DB 1 ATGAGATCAAGCTG 17

RESULT 1847

US-08-402-253-20
Sequence 20, Application US/08402253
Patent No. 6211142
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Hammonds, R. Glenn
APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie R.
TITLE OF INVENTION: RSE RECEPTOR ACTIVATION
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 KB floppy disk

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genetech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/402,253
FILING DATE: 10-MAR-1995
CLASSIFICATION: 530
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wendy M. Lee
REGISTRATION NUMBER: 00,000
REFERENCE/DOCKET NUMBER: 929
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-402-253-20

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1543 ATGAGATCAAGCTCTG 1559
DB 1 ATGAGATCAAGCTCTG 17

RESULT 1848
US-09-158-765-6/c
Sequence 6, Application US/09158765
Patent No. 6242180
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
TITLE OF INVENTION: Computer-Aided Visualization and
TITLE OF INVENTION: Analysis System for Sequence Evaluation
Patent No. 6242180
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ATTORNEY/AGENT INFORMATION:
NAME: Rilter, Van Pelt & Yi LLP
ADDRESS: 4906 El Camino Real, Suite 205
CITY: Los Altos
STATE: California
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,765
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/531,137
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Rilter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: APT9006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
```

```
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-09-158-765-6

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5588 TCATGTGATTTGCTT 5604
DB 17 TCATGTGATTTGCTT 1

RESULT 1849
US-09-021-701-128
Sequence 128, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESS: Record Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-128

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7053 TGCAGTAAGACATT 7069
DB 1 TGCAGTAAGACATT 17

RESULT 1850
```

US-09-021-701-129
; Sequence 129, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-852-8063
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-09-021-701-129
Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 7054 GCAAGTAAACAGATTG 7070
DB 1 GCAAGTAAACAGATTG 17
RESULT 1851
US-09-021-701-130
; Sequence 130, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA

COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-09-021-701-130
Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 7055 CAAGTAAACAGATTGT 7071
DB 1 CAAGTAAACAGATTGT 17
RESULT 1852
US-08-443-866B-20
; Sequence 20, Application US/08443866B
; Patent No. 6255068
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J.
; APPLICANT: Hammonds, R. Glenn
; APPLICANT: Mark, Melanie R.
; TITLE OF INVENTION: RSE RECEPTOR ACTIVATION
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Winpatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/443,866B
; FILING DATE: 31-May-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/402253
; FILING DATE: 10-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 00,000
; REFERENCE/DOCKET NUMBER: P0929D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994

```

; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-08-443-866B-20

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1543 ATGAGATCAAACTCTG 1559
      |||||
Db      1 ATGAGATCAAACTCTG 17

RESULT 1853
US-09-580-794C-56
; Sequence 56, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rosseu, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-56

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3257 AGAAAGACTAGATT 3273
      |||||
Db      1 AGAAAGACTAGATT 17

RESULT 1854
US-08-584-040-2073/C
; Sequence 2073, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
```

```

; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2073:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2073

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6725 AGCTGAATACCTTCT 6741
      |||||
Db      17 AGCTGAATACCTTCT 1

RESULT 1855
US-08-584-040-2102/C
; Sequence 2102, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2102:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2102

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarly 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1066 CGCCCTGCTAGCATCA 1082
DB 17 CGCCCTGCTAGCATCA 1

RESULT 1856
US-08-584-040-2193/C
Sequence 2193, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2193:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2193

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarly 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3893 TCTGGAGTACTTTCAT 3909
DB 17 TCTGGAGTACTTTCAT 1

RESULT 1857
US-08-584-040-2742
Sequence 2742, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2742:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-2742

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 1.6e+03;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 3968 TATTCTTAAGTGGGT 3984

Db 1 UAUUCUUAUUGGAAU 17

RESULT 1858

US-08-584-040-3895/C
; Sequence 3895, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 3895:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3895

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1601 AGGTGCTCAGAACTTC 1617

Db 17 AGGTGCTCAAAATTC 1

RESULT 1859

US-08-584-040-4028

; Sequence 4028, Application US/08584040
; Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4028:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4028

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 1.6e+03;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 5194 ACTTGATCAATTGG 5210

Db 1 ACUGGAAUACUCUUUG 17

RESULT 1860

US-08-584-040-5492/C
; Sequence 5492, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5492:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5492

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1601 AGGTGCTCAGAACTTC 1617
DB 17 AGGTGCTCAAAACATC 1

RESULT 1861
US-08-584-040-5832
Sequence 5832, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5832:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5832

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.6e+03;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 3232 GAAGCATTTTTCAGAG 3248
DB 1 GAAGCAUUTUGAGAG 17

RESULT 1862
US-08-584-040-7818
Sequence 7818, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7818:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7818

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 17;
Matches 0; Conservative 15; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4480
DB 1 UUUUUUUUUUUUUUUU 17

RESULT 1863
US-08-584-040-7819
; Sequence 7819, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7819:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7820
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```

; TOPOLOGY: linear
; US-08-584-040-7819

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 17;
Matches 0; Conservative 15; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4480
DB 1 UUUUUUUUUUUUUUUU 17

RESULT 1864
US-08-584-040-7820
; Sequence 7820, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7820:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7820

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 17;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 4468 TTTT TTTT TTTT TTTT 4484
DB 1 UUUUUUUUUUUUUUUU 17
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RESULT 1865
US-08-584-040-7821
; Sequence 7821, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7821:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7821

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 1.6e+03;
Matches 1; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4469 TTTTCTTTCTTTCTGT 4485
DB 1 UUUUUUUUUUUUUUUU 17

RESULT 1866
US-08-584-040-7823
; Sequence 7823, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7823:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7823

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 1.6e+03;
Matches 2; Conservative 13; Mismatches 2; Indels 0; Gaps 0;

QY 6465 TTTTCTTTCTTTCTGT 6481
DB 1 UUUUUUUUUUUUUUUU 17

RESULT 1867
US-08-584-040-8030
; Sequence 8030, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8030:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8030

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.6e+03;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 4124 TGAGCATGAGATGAA 4140
DB 1 UGAGCCAUCAAGGAA 17

RESULT 1869
US-08-679-645-61/C
Sequence 61, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-61

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5162 TCTCCTGGAGACAGTGGG 5178
DB 17 TCTCCAGAAACAGTGGG 1

RESULT 1869
US-09-531-000-6
Sequence 6, Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-6

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5319 TCTCCTTTCTCTCTTT 5335
DB 1 TTTCTTTCTCTCTTT 17

RESULT 1870
US-09-474-432B-558
Sequence 558, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex

Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6725 AGCTGAATACCTTCT 6741
DB 17 AGCTGAATACCTTCT 1

RESULT 1874
US-09-371-772B-647/C
; Sequence 647, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371, 772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005, 974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584, 040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 647
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-647

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1066 CGCCTGCTAGCATCA 1082
DB 17 CGCCTGCTAGCATCA 1

RESULT 1875
US-09-371-772B-738/C
; Sequence 738, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371, 772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005, 974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584, 040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 738
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-738

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3893 TCTGAGTTACTTCAT 3909
DB 17 TCTGAGTTACTTCAT 1

RESULT 1876
US-09-371-772B-1266
; Sequence 1266, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371, 772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005, 974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584, 040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1266
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1266

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 1.6e+03;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 3968 TATTTCTTACTGGGCT 3984
DB 1 UAUUDCUAUAUGGAGU 17

RESULT 1877
US-09-371-772B-1662/C
; Sequence 1662, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371, 772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005, 974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584, 040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1662
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1662

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1601 AGGTGCTCAAGACTTC 1617
|||||
Db 17 AGGTGCTCAAAATTTTC 1

RESULT 1878
US-09-371-7728-1795
; Sequence 1795, Application US/093717728
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,7728
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1795
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-7728-1795

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 1.6e+03;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 5194 ACTTGATACATTTCG 5210
|||||
Db 1 ACUUGAUCUCUUGG 17

RESULT 1879
US-09-371-7728-2383/C
; Sequence 2383, Application US/093717728
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,7728
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2383
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-7728-2383

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1601 AGGTGCTCAAGACTTC 1617
|||||
Db 17 AGGTGCTCAAAACATC 1

RESULT 1880
US-09-371-7728-2692
; Sequence 2692, Application US/093717728
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,7728
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2692
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-7728-2692

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.6e+03;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 3232 GAAGATTTTTCGAG 3248
|||||
Db 1 GAAGAUAUUUGAGAG 17

RESULT 1881
US-09-371-7728-3602
; Sequence 3602, Application US/093717728
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,7728
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-7728-3602

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 1.6e+03;
Matches 0; Conservative 15; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTTCCTTTTTCCTTTT 4480


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RESULT 1886
US-09-371-772B-3813
; Sequence 3813, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3813
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3813

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.6e+03;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy      4124 TGAGCCATCAGATGAA 4140
Db      1  UGAGCCAUCAAAAGGAA 17

RESULT 1887
US-09-371-772B-4950/C
; Sequence 4950, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4950
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4950

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1064 GTGCGCTGTAGCAT 1080
Db      17  GTGCGCTGTAGCAT 1

```

```

RESULT 1888
US-09-371-772B-5350
; Sequence 5350, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5350

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 1.6e+03;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Qy      3846 TATGCTCTTTCTTC 3862
Db      1  UAGCCTCCTTUUUAVCC 17

RESULT 1889
US-09-371-772B-5639/C
; Sequence 5639, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5639
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5639

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3327 GTTTAATGGTTTCA 3343
Db      17  GTTTAATGGTTTCA 1

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RESULT 1890
US-09-371-772B-6942/C
; Sequence 6942, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6942
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6942

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      489 TGATGGAAGAGACACA 505
Db      17 TGCTGGAAGACACACA 1

RESULT 1891
US-09-796-071-6/C
; Sequence 6, Application US/09796071
; Patent No. 6607887
; GENERAL INFORMATION:
; APPLICANT: Chee, Mark S.
; TITLE OF INVENTION: Computer-Aided Visualization and
; Analysis System for Sequence Evaluation
; Patent No. 6607887
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Riltter, Van Pelt & Yi LLP
; STREET: 4906 El Camino Real, Suite 205
; CITY: Los Altos
; STATE: California
; COUNTRY: USA
; ZIP: 94022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/796,071
; FILING DATE: 27-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/531,137
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Riltter, Michael J.
; REGISTRATION NUMBER: 36,653
; REFERENCE/DOCKET NUMBER: APFY006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-903-3500
; TELEFAX: 650-903-3501
; INFORMATION FOR SEQ ID NO: 6:
```

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-796-071-6

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5588 TCATGTGATTTGTTT 5604
Db      17 TCATGTGATTTGTTT 1

RESULT 1892
US-09-476-387-557
; Sequence 557, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 557
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-557

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 1.6e+03;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

Qy      4463 CTTTTTTTTTTTTT 4479
Db      1 CUUUUUUUUUUUUU 17

RESULT 1893
US-09-476-387-656
; Sequence 656, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
```



```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 484
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-484

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTCTTTCTTTCTTTT 4480
Db      17  TTTCTTTCTTTCTTTT 1

RESULT 1897
US-09-529-812A-3
; Sequence 3, Application US/09529812A
; Patent No. 6682930
; GENERAL INFORMATION:
; APPLICANT: LU, CHANGDE
; TITLE OF INVENTION: NEW TRIPLEX FORMING OLIGONUCLEOTIDES AND THEIR USE IN
; FILE REFERENCE: 017227/0160
; CURRENT APPLICATION NUMBER: US/09/529,812A
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: PCT/CN98/00248
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: CN 97106667.1
; PRIOR FILING DATE: 1997-10-21
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Triplex
; OTHER INFORMATION: forming oligonucleotide
; OTHER INFORMATION: This oligo may or may not be 3'-monophosphorylated
US-09-529-812A-3

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2868 AAGGAGGAGGAGGCTGG 2884
Db      1  AAGGAGGAGGAGGAGG 17

RESULT 1898
US-09-866-108A-553
; Sequence 553, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
```

```

; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 553
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-553

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2830 AAGCCCGAGGAGCTGG 2846
Db      1  AAGCCCGAGGAGCTGG 17

RESULT 1899
US-09-866-108A-554
; Sequence 554, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 554
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-554

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 AGCCCGAGAGCTGTGC 2847
Db 1 AGCCCGAGAGCTGTGC 17

RESULT 1900
US-09-866-108A-1127
Sequence 1127, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1127
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1127

QY 5155 GGGAGCTTCTCTCGGA 5171
Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1 GGGAGCTTCTCTCGGA 17

RESULT 1901
US-09-866-108A-1239/c
Sequence 1239, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1239
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1239

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3923 CTGGCTTCTTCTTC 3939
Db 17 CTGGCTTCTTCTTC 1

RESULT 1902
US-09-866-108A-1842
Sequence 1842, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7

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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1842
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1842
```

```

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      2658 GGTGACAGAGCATG 2674
Db      1 GGTGATGAGAGCATG 17
```

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RESULT 1903
; US-09-866-108A-1947/c
; Sequence 1947, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2213
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2213
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Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1947
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1947
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Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      3141 CTCTGTAGCCCTGCAGA 3157
Db      17 CTTGTAGCGCTGCAGA 1
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RESULT 1904
; US-09-866-108A-2213
; Sequence 2213, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2213
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2213
```

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Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2742
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2742

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      639 TGAGGCGCTGCTGCG 655
DB      1 TGAGGCGCTGCTGCG 17

RESULT 1908
US-09-866-108A-5951/C
; Sequence 5951, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5951

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      2468 CAGGATCGAGGCGACC 2484
DB      17 CTGGCATCTGGCGACC 1

RESULT 1909
US-09-866-108A-6539
; Sequence 6539, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6539
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6539

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6303 AGGATTAAGCTGGGCGC 6319
DB      1 AGAGACAAGCTGGGCGC 17

RESULT 1910
US-09-866-108A-6569/C
; Sequence 6569, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
```

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; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6569
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6569

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6760 GCAGGATATGCAGGCG 6776
Db      17 GCTGGATATCCAGGCG 1

RESULT 1911
US-09-866-108A-6859
; Sequence 6859, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Shaotou G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7069
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7069
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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6859
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6859

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6871 GCAGGAGAGAGCTGG 6887
Db      1 GCAGCGAGAGAGCTGG 17

RESULT 1912
US-09-866-108A-7069/c
; Sequence 7069, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Shaotou G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7069
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7069

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3806 CTCGAGCTGCTGAGT 3822
Db 17 CTCGAGCTGCTGAGT 1
RESULT 1913
US-09-866-108A-7071/c
; Sequence 7071, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7071
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7071
Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3804 GTCTCGAGCTGCTGAG 3820
Db 17 GGCTCGAGCTGCTCAG 1
RESULT 1914
US-09-866-108A-7590
; Sequence 7590, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7590
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7590
Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1031 TGAAGGAGAGTCCGC 1047
Db 1 TGAAGGAGAGTCCGC 17
RESULT 1915
US-09-866-108A-7758/c
; Sequence 7758, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665


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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7758
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7758

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      5157 GGAGTCTCTCTGGAGCA 5173
Db      17 GGTTCTCTCTGGGTCA 1

RESULT 1916
US-09-866-108A-7801
; Sequence 7801, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Menheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7801
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7801

Query Match          0.2%; Score 13.8; DB 1; Length 17;

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Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      7412 TCAGCAGCAGCAGCAGC 7428
Db      1 TCAGCAGCAGCAGCAGC 17

RESULT 1917
US-09-866-108A-7802
; Sequence 7802, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Menheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7802
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7802

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      7413 CAGCAGCAGCAGCAGC 7429
Db      1 CAGCAGCAGCAGCAGC 17

RESULT 1918
US-09-866-108A-8360
; Sequence 8360, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

```

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; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8360
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8360

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3202 GAGGAGCTGAGAAAGT 3218
Db      1 GAGGAGCTGAGAAAGT 17

RESULT 1919
US-09-866-108A-8361
; Sequence 8361, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UT, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8451
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8451
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8361
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8361

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3203 AGGAGCTGAGAAAGTG 3219
Db      1 AGGAGCTGAGAAAGTG 17

RESULT 1920
US-09-866-108A-8451/c
; Sequence 8451, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UT, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8451
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8451
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Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5178 GCTCTGCATGTTCTCCA 5194
DB 17 GCTGTCATGCTCTCCA 1

RESULT 1921

US-09-866-108A-9012
Sequence 9012, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9012
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9012

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5545 GGTGATGACATGAG 5561
DB 1 GGTGATGAGCTGAG 17

RESULT 1922

US-09-866-108A-9013
Sequence 9013, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9013
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9013

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5546 GTGATGACATGAG 5562
DB 1 GTGATGAGCTGAG 17

RESULT 1923

US-09-866-108A-9014
Sequence 9014, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9014
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9014

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5547 TGCATGAGATGAGAGAA 5563
DB      1 TGCATGAGCTGAGAGAA 17

RESULT 1924
US-09-866-108A-9015
; Sequence 9015, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9015
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9015
```

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Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5548 GCATGAGATGAGAGAG 5564
DB      1 GCATGAGCTGAGAGAG 17

RESULT 1925
US-09-866-108A-9016
; Sequence 9016, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9016
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9016

Query Match          0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5549 CATGAGATGAGAGACT 5565
DB      1 CATGAGCTGAGAGACT 17

RESULT 1926
US-09-866-108A-9254
; Sequence 9254, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
```

```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263, 6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9254
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9254

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7334 TTGAGCTGACTGTGTC 7350
Db      1 TTGAGCTGACTGTGTC 17

RESULT 1927
US-09-866-108A-9255
; Sequence 9255, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263, 6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9530
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9255
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9255

Query Match      0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7335 TGAGCTGACTGTGTC 7351
Db      1 TGAGCTGACTGTGTC 17

RESULT 1928
US-09-866-108A-9530/C
; Sequence 9530, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263, 6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9530
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-866-108A-9530

Query Match 0.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4744 GAGGAGAGGCTCTAA 4760

DB 17 GAGGAGAGGCTCTTAA 1

RESULT 1929

US-08-487-046-5
Sequence 5, Application US/08487046
Patent No. 5753489
GENERAL INFORMATION:
APPLICANT: Kistner, Otfried
APPLICANT: Barrett, No. 57534891
APPLICANT: Mundt, Wolfgang
APPLICANT: Dornier, Friedrich
TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTU
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,046
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,761
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/197/IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-487-046-5

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTT 4479
DB 2 CTTTTTTCTCTTTT 18

RESULT 1930
US-08-487-046-6/C
Sequence 6, Application US/08487046
Patent No. 5753489
GENERAL INFORMATION:
APPLICANT: Kistner, Otfried

APPLICANT: Barrett, No. 57534891
APPLICANT: Mundt, Wolfgang
APPLICANT: Dornier, Friedrich
TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTU
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,046
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,761
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/197/IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-487-046-6

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTT 4479
DB 17 CTTTTTTCTCTTTT 1

RESULT 1931
US-08-483-522-5
Sequence 5, Application US/08483522
Patent No. 5756341
GENERAL INFORMATION:
APPLICANT: Kistner, Otfried
APPLICANT: Barrett, No. 57563411
APPLICANT: Mundt, Wolfgang
APPLICANT: Dornier, Friedrich
TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,522
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,761
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/199/IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-483-522-5

Query Match      0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4463 CTTTCTTTCTTTCTTTT 4479
Db 2 CTTTCTTTCTTTCTTTT 18

RESULT 1932
US-08-483-522-6/c
Sequence 6, Application US/08483522
Patent No. 5756341
GENERAL INFORMATION:
APPLICANT: Kistner, Otfried
APPLICANT: Barrett, No. 57563411
APPLICANT: Mundt, Wolfgang
APPLICANT: Dornier, Friedrich
TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,522
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,761
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/199/IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
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INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match      0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4463 CTTTCTTTCTTTCTTTT 4479
Db 17 CTTTCTTTCTTTCTTTT 1

RESULT 1933
US-08-126-593A-9/c
Sequence 9, Application US/08126593A
Patent No. 5527700
GENERAL INFORMATION:
APPLICANT: Kaslow, David C.
APPLICANT: Duffy, Patrick E.
TITLE OF INVENTION: Target Antigens of Transmission-Blocking
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/126,593A
FILING DATE: 22-SEP-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/912,294
FILING DATE: 10-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Baebian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 15280-46-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..18
OTHER INFORMATION: /note= "Pfe2862 primer"
US-08-126-593A-9

Query Match      0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 6020 TTTCACACTGTGCAC 6036
Db 1 TTTCACACTGTGCAC 1
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DB 17 TTTCACAGCTGTCTC 1

RESULT 1934
US-08-411-796-263/c
; Sequence 263, Application US/08411796
; Patent No. 5677149
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maite H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKeam, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumnan
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/411,796
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6501
; TELEFAX: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 263:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-411-796-263

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5890 ACTGACAGACGACAGA 5906
DB 18 AATGAGAGACGACAGA 2

RESULT 1935
US-08-363-240A-1122/c
; Sequence 1122, Application US/08363240A
; Patent No. 5705388

; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaler, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-1122

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7410 CATCAGACGACGACGA 7426
DB 17 CATCTGACGACGACGA 1

RESULT 1936
US-08-488-470A-15/c
; Sequence 15, Application US/08488470A
; Patent No. 5708153
; GENERAL INFORMATION:
; APPLICANT: Dower, William J.
; APPLICANT: Barrett, Ronald W.
; APPLICANT: Gallop, Mark A.
; TITLE OF INVENTION: Method of Synthesizing Diverse
; TITLE OF INVENTION: Collections of Oligomers
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Affymax Technologies, N.V.
; STREET: 4001 Miranda Ave.
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,470A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/762,522
FILING DATE: 18-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: Stevens, Lauren L.
REGISTRATION NUMBER: 36,691
REFERENCE/DOCKET NUMBER: 1007B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-812-8803
TELEFAX: 415-424-0832
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-488-470A-15

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15, Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5733 CTTCCTTCCCTTTCT 5749
Db 17 CTTCCTTCCCTCTCT 1

RESULT 1937
US-08-409-902-1
Sequence 1, Application US/08409902
Patent No. 572359
GENERAL INFORMATION:
APPLICANT: Robert E. Klem
TITLE OF INVENTION: NON-AROMATIC ORGANIC POLYMERIC
TITLE OF INVENTION: REAGENTS FOR SOLID PHASE
NUMBER OF INVENTION: SYNTHESIS OF OLIGOMERS
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: IBM M.S. DOS (Version
OPERATING SYSTEM: 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/409,902
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,900
FILING DATE: 07/781,329
APPLICATION NUMBER: 07/605,849
FILING DATE: 26-OCT-1990
ATTORNEY/AGENT INFORMATION:

NAME: Biggs, Suzanne L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 195/197
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-409-902-1

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15, Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4602 TTTTCCTGCCCCACTGC 4618
Db 2 TTTTCCTGCCCCACTGC 18

RESULT 1938
US-08-454-039A-9/C
Sequence 9, Application US/08454039A
Patent No. 575338
GENERAL INFORMATION:
APPLICANT: Kaslow, David C.
APPLICANT: Duffy, Patrick E.
TITLE OF INVENTION: Target Antigens of Transmission Blocking
TITLE OF INVENTION: Antibodies for Malaria Parasites
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,039A
FILING DATE: 30-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/912,294
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/126,593
FILING DATE: 22-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Baetian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 15280-46-1-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
NAME/KEY: -
LOCATION: 1..18

OTHER INFORMATION: /note="non-degenerate"
OTHER INFORMATION: oligonucleotide Pf82852"
US-08-454-039A-9

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6020 TTTCACACCTGTCAC 6036
17 TTTCACACCTGTCCTC 1

RESULT 1939
US-07-946-239-6/C
Sequence 6, Application US/07946239
Patent No. 5770358
GENERAL INFORMATION:
APPLICANT: DOWER, WILLIAM J
APPLICANT: BARRETT, RONALD W
APPLICANT: GALLOP, MARK A
APPLICANT: NEEDLES, MICHAEL C
TITLE OF INVENTION: METHOD OF SYNTHESIZING DIVERSE
TITLE OF INVENTION: COLLECTIONS OF OLIGOMERS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND AND TOWNSEND
STREET: 1 MARKET PLAZA, STEUART TOWER, SUITE 2000
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/946,239
FILING DATE: 19920916

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-36-1
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-07-946-239-6

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5733 CTTCCTTCCTCTTCT 5749
17 CTTCCTTCCTCTCTCT 1

RESULT 1940
US-08-484-505A-15/C
Sequence 15, Application US/08484505A
Patent No. 5789162
GENERAL INFORMATION:
APPLICANT: Dower, William J.
APPLICANT: Barrett, Ronald W.

APPLICANT: Gallop, Mark A.
TITLE OF INVENTION: Method of Synthesizing Diverse
TITLE OF INVENTION: Collections of Oligomers
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Affymax Technologies, N.V.
STREET: 4001 Miranda Ave.
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,505A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/484,085
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/762,522
FILING DATE: 18-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: Stevens, Lauren L.
REGISTRATION NUMBER: 36,691
REFERENCE/DOCKET NUMBER: 1007B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-496-2300
TELEFAX: 415-424-0832
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-484-505A-15

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5733 CTTCCTTCCTCTTCT 5749
17 CTTCCTTCCTCTCTCT 1

RESULT 1941
US-08-367-069-11
Sequence 11, Application US/08367069
Patent No. 5811538
GENERAL INFORMATION:
APPLICANT: Timothy A. Riley
APPLICANT: Mark A. Reynolds
APPLICANT: Lloyd R. Snyder
APPLICANT: Robert E. Klem
TITLE OF INVENTION: IMPROVED PROCESS FOR THE
TITLE OF INVENTION: PURIFICATION OF OLIGOMERS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,069
FILING DATE: December 30, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below: 1
APPLICATION NUMBER: 08/176,851
FILING DATE: 30 December 1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 488-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-367-069-11

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4602 TTTCTGCTGCCCCACTGC 4618
DB 2 TCTTCTGCTGCCCCACTGC 18

RESULT 1942
US-08-384-324-4
Sequence 4, Application US/08384324
Patent No. 5844110
GENERAL INFORMATION:
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street, Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,324
FILING DATE: 31-JAN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63076
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
ANTI-SENSE: YES
US-08-384-324-4

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTT 4479
DB 2 CTTTCTTTTCTTTT 18

RESULT 1943
US-08-585-684B-2587/C
Sequence 2587, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2587:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2587

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 ATAGATGAGCGCCCA 950
DB 17 ATAGATGAGCGCGTCAA 1

RESULT 1944
US-08-585-684B-2635
Sequence 2635, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 2635:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2635

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 58.8%; Pred. No. 1.8e+03;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 843 GATGATCTCAACATTTG 859
DB 2 GAUGCUCGCUCAUCUUG 18

RESULT 1945
US-08-585-684B-2687/C
Sequence 2687, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 2687:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2687

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCA 7429
DB 17 CTCGACGACGACGACCA 1

RESULT 1946
US-08-460-751-15/C
Sequence 15, Application US/08460751
Patent No. 5891628
GENERAL INFORMATION:
APPLICANT: Reeders, Stephen
APPLICANT: Schneider, Michael
APPLICANT: Glucksmann, Sandra
TITLE OF INVENTION: IDENTIFICATION OF POLYCYSTIC KIDNEY
TITLE OF INVENTION: DISEASE GENE, DIAGNOSTICS AND TREATMENT
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,751
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/413,580
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7638-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-460-751-15

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2882 TGGGTTAGGAGAGTG 2898
DB 17 TGGGTTAGGAGTG 1

RESULT 1947
US-08-951-648-14
Sequence 14, Application US/08951648
Patent No. 5932465
GENERAL INFORMATION:
APPLICANT: Loughney, Kate
TITLE OF INVENTION: Phosphodiesterase 8
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker, Sears Tower Suite 6300
CITY: Chicago
STATE: Illinois
COUNTRY: US
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/951,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Williams Jr., Joseph A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/34038
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-951-648-14

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 AAGGACAGCCAGTAT 899
DB 2 AAGGACAGCCAGTAT 18

RESULT 1948
US-08-867-941-37
Sequence 37, Application US/08867941
Patent No. 5977337
GENERAL INFORMATION:
APPLICANT: Loomore, Sheena M
APPLICANT: Du, Run-Pan
APPLICANT: Wang, Qiljun
APPLICANT: Yang, Yan-ping
APPLICANT: Klein, Michel H
TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,941
FILING DATE: 03-JUN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-681 MIS:jb
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-867-941-37

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5369 CTGAATGCATTTTA 5385
DB 1 CTGAATGAAGTTTA 17

RESULT 1949
US-09-205-860-10/c
Sequence 10, Application US/09205860
Patent No. 5981732
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 10
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-10

Query Match 0.2%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 62 GAGGCTGCGGCGCGC 78
Db 17 GAGCGCGCGCGCGCGC 1

RESULT 1950

US-08-857-946-8
; Sequence 8, Application US/08857946
; Patent No. 5994075

GENERAL INFORMATION:

APPLICANT: Goodfellow, P.N.

TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A

NUMBER OF SEQUENCES: 162

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Wilcoff, Inc.

STREET: 75 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1807

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Wordperfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/857,946

FILING DATE: 16-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/60/017,824

FILING DATE: 17-MAY-1996

ATTORNEY/AGENT INFORMATION:

NAME: Kathleen M. Williams

REGISTRATION NUMBER: 34,380

REFERENCE/DOCKET NUMBER: 3529/05573

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-345-9100

TELEFAX: 617-345-9111

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

US-08-857-946-8

Query Match 0.2%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1.8e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 50 GCGCGCGCAACGCGCGC 66

Db 1 GCGCGCGCGCGCGCGC 17

RESULT 1951

US-08-857-946-14

; Sequence 14, Application US/08857946

; Patent No. 5994075

GENERAL INFORMATION:

APPLICANT: Goodfellow, P.N.

TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A

NUMBER OF SEQUENCES: 162

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Wilcoff, Inc.

STREET: 75 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1807

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Wordperfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/857,946

FILING DATE: 16-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/60/017,824

FILING DATE: 17-MAY-1996

ATTORNEY/AGENT INFORMATION:

NAME: Kathleen M. Williams

REGISTRATION NUMBER: 34,380

REFERENCE/DOCKET NUMBER: 3529/05573

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-345-9100

TELEFAX: 617-345-9111

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

US-08-857-946-14

Query Match 0.2%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1.8e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 65 GCTGCGGCGCGCGCGC 81

Db 1 GCGCGCGCGCGCGCGC 17

RESULT 1952

US-09-256-496-64

; Sequence 64, Application US/09256496

; Patent No. 5998206

GENERAL INFORMATION:

APPLICANT: Lex M. Cowser

TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION

FILE REFERENCE: RTS-0056

CURRENT APPLICATION NUMBER: US/09/256,496

CURRENT FILING DATE: 1999-02-23

NUMBER OF SEQ ID NOS: 86

SEQ ID NO 64

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-256-496-64

Query Match 0.2%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1.8e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 635 TGCATGAGGCGCTGTC 651

Db 1 TCCATGAGGCGCTGTC 17

RESULT 1953

US-09-256-496-72/c

; Sequence 72, Application US/09256496

; Patent No. 5998206

```

; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 72
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-256-496-72

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      588 CTTAAGCTCTCCATCA 604
      |||||
Db      18 CTTACAGCTCTCCATCA 2

RESULT 1954
US-09-156-253-8
; Sequence 8, Application US/09156253C
; Patent No. 6001652
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowseert, Lex M.
; TITLE OF INVENTION: Antisense Modulation of CREL Expression
; FILE REFERENCE: RTS-0010
; CURRENT APPLICATION NUMBER: US/09/156,253C
; CURRENT FILING DATE: 1998-09-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-156-253-8

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3867 TCCTCTACTCTCCGCC 3883
      |||||
Db      2 TCCTCTCTCTCCGCC 18

RESULT 1955
US-09-138-024-5
; Sequence 5, Application US/09138024A
; Patent No. 6004779
; GENERAL INFORMATION:
; APPLICANT: Bradley, John D.
; APPLICANT: Thompson, Craig M.
; APPLICANT: Moore, Jeffrey B.
; APPLICANT: Wobbe, C. Richard
; APPLICANT: Healy, Judith M.
; APPLICANT: Donnelly, Caroline E.
; TITLE OF INVENTION: REGULATED GENE EXPRESSION IN YEAST
; FILE REFERENCE: 0342/1D469US1
; CURRENT APPLICATION NUMBER: US/09/138,024A
; CURRENT FILING DATE: 1998-08-21
; EARLIER APPLICATION NUMBER: 60/056,719
; EARLIER FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 24
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ROX-B PCR primer
US-09-138-024-5

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2038 ATCAGCAGCTGTGAGG 2054
      |||||
Db      2 ATGACAGCTGTGAGG 18

RESULT 1956
US-09-205-921-40
; Sequence 40, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-40

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1851 GGTGAAGAGCTGTGCA 1867
      |||||
Db      1 GGTGAAGAGCTGTGACA 17

RESULT 1957
US-08-970-740-8
; Sequence 8, Application US/08970740
; Patent No. 6015670
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Banner & Wilcoff, Inc.
; STREET: 28 State Street, 28th Floor
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,740
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/857,946
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;; FILING DATE: 16-MAY-1997
;; PRIOR APPLICATION DATA: 60/017,824
;; APPLICATION NUMBER: 60/017,824
;; FILING DATE: 17-MAY-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kathleen M. Williams
;; REGISTRATION NUMBER: 34,380
;; REFERENCE/DOCKET NUMBER: 3529/59829
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-227-7111
;; TELEFAX: 617-227-4399
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
US-08-970-740-8

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 50 GCGCGCGCAGCGAGCG 66
DB 1 GCGCGCGCGCGCGCGCGC 17

RESULT 1956
US-08-970-740-14
; Sequence 14, Application US/08970740
; Patent No. 6015670
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 28 State Street, 28th Floor
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,740
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/857,946
; FILING DATE: 16-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/59829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-227-7111
; TELEFAX: 617-227-4399
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid

US-08-970-740-14

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 65 GCTGCGGCGCGCGCGC 81
DB 1 GCGCGCGCGCGCGCGCGC 17

RESULT 1959
US-08-471-039-263/c
; Sequence 263, Application US/08471039
; Patent No. 6017523
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maïre H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,039
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 263:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-471-039-263

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5890 ACTGCAGAGACCAAGA 5906

Db 18 AATGACAGACGACAGA 2

RESULT 1960
US-09-358-381-32/c
Sequence 32, Application US/09358381
Patent No. 6020199
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: RTS-0079
CURRENT APPLICATION NUMBER: US/09/358,381
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-381-32

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5816 CTATGATGATGATGAT 5832
Db 17 CTATGATGATGATGAT 1

RESULT 1961
US-09-339-964-11
Sequence 11, Application US/09339964
Patent No. 6025198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 11
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-11

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2480 GCACGACGACGACGATCC 2496
Db 1 GCACGACGACGACGATCC 17

RESULT 1962
US-09-029-045-9
Sequence 9, Application US/09029045
Patent No. 6056952
GENERAL INFORMATION:
APPLICANT: Rosenberg, Amy Sonya
TITLE OF INVENTION: Selective Elimination of T Cells That
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/029,045
FILING DATE: 02-JUN-1998
CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,964
FILING DATE: 30-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US96/13873
FILING DATE: 29-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-09-029-045-9

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5025 GGAGGAGGAGGAGGACT 5041
Db 1 GGAGGAGGAGGAGGACT 17

RESULT 1963
US-09-174-437-14
Sequence 14, Application US/09174437A
Patent No. 6133007
GENERAL INFORMATION:
APPLICANT: Loughney, Kate
TITLE OF INVENTION: Phosphodiesterase 8A
FILE REFERENCE: 27866/35047
CURRENT APPLICATION NUMBER: US/09/174,437A
CURRENT FILING DATE: 1998-10-16
EARLIER APPLICATION NUMBER: 08/951,648
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-174-437-14

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 AAGCAGGCGGAGGAT 899
Db 1 AAGCAGGCGGAGGAT 17

Db 2 AAGCACTGCACTGAT 18

RESULT 1964
US-09-151-467-6/c
Sequence 6, Application US/09151467
Patent No. 6140493
GENERAL INFORMATION:
APPLICANT: DOWER, WILLIAM J
APPLICANT: BARRETT, RONALD W
APPLICANT: GALLOP, MARK A
APPLICANT: NEEDLES, MICHAEL C
TITLE OF INVENTION: METHOD OF SYNTHESIZING DIVERSE
TITLE OF INVENTION: COLLECTIONS OF OLIGOMERS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND AND TOWNSEND
STREET: 1 MARKET PLAZA, STEUART TOWER, SUITE 2000
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/151,467
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/946,239
FILING DATE: 1992-09-16
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-36-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-151-467-6
Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5733 CTTCCTTCCCTTTCT 5749
Db 17 CTTCCTTCCCTCTCT 1
RESULT 1965
US-09-036-599-11/c
Sequence 11, Application US/09036599
Patent No. 6143497
GENERAL INFORMATION:
APPLICANT: DOWER, WILLIAM J.
APPLICANT: BARRETT, RONALD W.
APPLICANT: GALLOP, MARK A.
TITLE OF INVENTION: Method of Synthesizing Diverse
TITLE OF INVENTION: Collections of Oligomers
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/036,599
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/762,522
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-36
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-036-599-11

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5733 CTTCCTTCCCTTTCT 5749
Db 17 CTTCCTTCCCTCTCT 1

RESULT 1966
US-09-078-403A-15/c
Sequence 15, Application US/09078403A
Patent No. 6165717
GENERAL INFORMATION:
APPLICANT: DOWER, WILLIAM
APPLICANT: BARRETT, RONALD
APPLICANT: GALLOP, MARK
TITLE OF INVENTION: Method of synthesizing diverse
TITLE OF INVENTION: collections of compounds
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Aftymax Research Institute
STREET: 4001 Miranda Avenue
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94034
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/078,403A
FILING DATE: 13-MAY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/484,505
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: 07/762,522
FILING DATE: 18-SEP-1991

ATTORNEY/AGENT INFORMATION:
NAME: Stevens, Lauren L.
REGISTRATION NUMBER: 36,691
REFERENCE/DOCKET NUMBER: 1007F
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650 812 8803
TELEFAX: 650 424 0832
TELEX:
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-078-403A-15

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5733 CTTCCCTTCCCTTTCT 5749
DB 17 CTTCCCTTCCCTCTCT 1

RESULT 1967
US-09-074-658-37
Sequence 37, Application US/09074658
Patent No. 6184371
GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena M
APPLICANT: Run-Pan Du
APPLICANT: Quljun Wang
APPLICANT: Yang, Yan-Ping
APPLICANT: Klein, Michel H
TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/074,658
FILING DATE: 08-MAY-1998
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-795
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-074-658-37

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5369 CTTGAATGCATTTTA 5385
DB 1 CTTGAATGCATTTTA 17

RESULT 1968
US-09-038-073-2587/C
Sequence 2587, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Waidburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2587:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2587

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 ATAGATGACGCCCA 950
DB 17 ATAGATGACGCCCA 1

RESULT 1969
US-09-038-073-2635
Sequence 2635, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Waidburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2587:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2587

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2635:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2635

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 58.2%; Pred. No. 1.8e+03;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 843 GATGATGCTCACTG 859
DB 2 GAUGCUGCUCACUUG 18

RESULT 1970
US-09-038-073-2687/c
Sequence 2687, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2687:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2687

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCA 7429
DB 17 CTCGACGACGACGACCA 1

RESULT 1971
US-09-071-433-20
Sequence 20, Application US/09071433A
Patent No. 6197584
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 20
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-20

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5240 GTCCAGTCACTCACG 5256
DB 1 GTCCAGTCACTCACG 17

RESULT 1972
US-09-475-316A-122
Sequence 122, Application US/09475316A
Patent No. 6210942
GENERAL INFORMATION:
APPLICANT: Lewis, No. 6210942man G.
APPLICANT: Davin, Laurence B.
APPLICANT: Dinkova-Kostova, Albena T.
APPLICANT: Fujita, Masayuki
APPLICANT: Gang, David R.
APPLICANT: Sarkanen, Simo
APPLICANT: Ford, Joshua D
TITLE OF INVENTION: RECOMBINANT PINOESINOL/LARICRESINOL REDUCTASES,

TITLE OF INVENTION: RECOMBINANT DIRIGENT PROTEINS AND METHODS OF USE
 FILE REFERENCE: NEUR-1-13793
 CURRENT APPLICATION NUMBER: US/09/475,316A
 CURRENT FILING DATE: 1999-12-30
 PRIOR APPLICATION NUMBER: 09/307,653
 PRIOR FILING DATE: 1999-05-07
 PRIOR APPLICATION NUMBER: PCT/US97/20391
 PRIOR FILING DATE: 1997-11-07
 PRIOR APPLICATION NUMBER: 60/054,380
 PRIOR FILING DATE: 1997-07-31
 PRIOR APPLICATION NUMBER: 60/030,522
 PRIOR FILING DATE: 1996-11-08
 NUMBER OF SEQ ID NOS: 122
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 122
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence:
 OTHER INFORMATION: oligonucleotide
 NAME/KEY: misc_feature
 LOCATION: (1)..(18).
 OTHER INFORMATION: Linker primer
 US-09-475-316A-122

Query Match 0.2%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 1.8e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4459 TGGAGTTTCTTTT 4475
 Db 2 TGGAGTTTCTTTT 18

RESULT 1973
 US-09-311-260-119
 Sequence 119, Application US/09311260
 Patent No. 6214555
 GENERAL INFORMATION:
 APPLICANT: Leushner, James
 APPLICANT: Hui, May
 APPLICANT: Dunn, James M.
 TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR DETECTION OF
 TITLE OF INVENTION: MICROORGANISMS AND BI-DIRECTIONAL SEQUENCING OF NUCLEIC ACID
 NUMBER OF SEQUENCES: 189
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Opedahl & Larson LLP
 STREET: P.O. Box 5270
 CITY: Ft. Lisco
 STATE: CO
 COUNTRY: US
 ZIP: 80443-5270
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB storage
 COMPUTER: IBM compatible
 OPERATING SYSTEM: MS DOS
 SOFTWARE: Word Perfect
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/311,260
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Larson, Marina T.
 REGISTRATION NUMBER: 32,038
 REFERENCE/DOCKET NUMBER: VGEN-P-058-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (970) 668-2050

TELEFAX: (970) 668-2082
 INFORMATION FOR SEQ ID NO: 119:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 HYPOTHETICAL: no
 ANTI-SENSE: yes
 FRAGMENT TYPE: internal
 US-09-311-260-119

Query Match 0.2%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 1.8e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 5148 TTGGGGAGGGAGTCT 5164
 Db 2 TGGGGAGGGAGGCTTCT 18

RESULT 1974
 US-09-593-323-34
 Sequence 34, Application US/09593323
 Patent No. 6265213
 GENERAL INFORMATION:
 APPLICANT: Morgan, Antony R.
 APPLICANT: Severini, Alberto
 TITLE OF INVENTION: Compositions and Methods for Determining the Activity
 TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
 TITLE OF INVENTION: Transcription
 FILE REFERENCE: DNAB-02921
 CURRENT APPLICATION NUMBER: US/09/593,323
 CURRENT FILING DATE: 2000-06-13
 PRIOR APPLICATION NUMBER: 09/344,300
 PRIOR FILING DATE: 1999-06-24
 NUMBER OF SEQ ID NOS: 72
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 34
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-09-593-323-34

Query Match 0.2%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 1.8e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 60 CGGAGGCTGCGGGGCG 76
 Db 2 CGGGGCGAGCGGGGCG 18

RESULT 1975
 US-09-251-645-7/c
 Sequence 7, Application US/09251645
 Patent No. 6281413
 GENERAL INFORMATION:
 APPLICANT: Kramer, Vance C.
 APPLICANT: Morgan, Michael K.
 APPLICANT: Anderson, Arne R.
 APPLICANT: Hart, Hope
 APPLICANT: Warren, Gregory W.
 APPLICANT: Dunn, Marina
 TITLE OF INVENTION: NOVEL INSECTICIDAL TOXINS FROM PHOTORHABDUS LUMINESCENS
 TITLE OF INVENTION: AND NUCLEIC ACID SEQUENCES CODING THEREFOR
 FILE REFERENCE: CGC1963/A
 CURRENT APPLICATION NUMBER: US/09/251,645

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; CURRENT FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-251-645-7
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```
Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      2551 CTGACGTACCACTGTG 2567
Db      18  CTGACGAACCTGCTGTG 2
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RESULT 1976
US-09-594-108-34
; Sequence 34, Application US/09594108
; Patent No. 6284468
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/594,108
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: 09/344,300
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-594-108-34
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```
Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      60  CGGAGGCTCGGGGGCG 76
Db      2  CGGGGGCAGCGGGGGCG 18
```

```
RESULT 1977
US-09-577-902-32/c
; Sequence 32, Application US/09577902
; Patent No. 6284538
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/577,902
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 32
; LENGTH: 18
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```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-32
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5816 CTATGATGATCAAAAT 5832
Db      17  CTATGATCAAGAAAT 1
```

```
RESULT 1978
US-09-344-300-34
; Sequence 34, Application US/09344300B
; Patent No. 6297013
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/344,300B
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-344-300-34
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      60  CGGAGGCTCGGGGGCG 76
Db      2  CGGGGGCAGCGGGGGCG 18
```

```
RESULT 1979
US-08-584-040-3046/c
; Sequence 3046, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3046:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3046

Query Match      0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3219 GGGTGGAGGAGGAGGAG 3235
Db 17 GGGTGGAGGAGGAG 1

RESULT 1980
US-08-584-040-8406
Sequence 8406, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
```

```
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8406:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8406

Query Match      0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 1.8e+03;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4157 TTCTGTGACCTGGCTAG 4173
Db 2 UUCUCUGACCGGCACG 18

RESULT 1981
US-08-584-040-8414/C
Sequence 8414, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8414:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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US-08-584-040-8414

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6925 AGCCTGCTGCTGCTT 6941

DB 17 AACCTCAGCTGCTT 1

RESULT 1982

US-09-686-179A-2/c

; Sequence 2, Application US/09686179A

; Patent No. 6350580

; GENERAL INFORMATION:

; APPLICANT: Sorge, Joseph

; TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid Using a

; TITLE OF INVENTION: Probe Comprising Secondary Structure

; FILE REFERENCE: 25436/1140

; CURRENT APPLICATION NUMBER: US/09/686,179A

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 2

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:

US-09-686-179A-2

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTT 4480

DB 17 TTTTCTTTTCTTTT 1

RESULT 1983

US-08-679-645-575/c

; Sequence 575, Application US/08679645

; Patent No. 6350934

; GENERAL INFORMATION:

; APPLICANT: Zwick, Michael G.

; APPLICANT: Edington, Brent E.

; APPLICANT: McSwiggen, James A.

; APPLICANT: Merlo, Patricia Ann Owens

; APPLICANT: Guo, Lining

; APPLICANT: Skokut, Thomas A.

; APPLICANT: Young, Scott A.

; APPLICANT: Folckerts, Otto

; TITLE OF INVENTION: COMPOSITION AND METHODS FOR

; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

; TITLE OF INVENTION: IN PLANTS

; NUMBER OF SEQUENCES: 1263

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/679,645

; FILING DATE: July 12, 1996

; CLASSIFICATION: 800

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/001,135

; FILING DATE: July 13, 1995

; APPLICATION NUMBER: 08/300,726

; FILING DATE: September 2, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 219/247

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 575:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-679-645-575

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5162 TCTCTGAGCAGTGGG 5178

DB 18 TCTCAGAGCAGTGGG 2

RESULT 1984

US-08-679-645-1165/c

; Sequence 1165, Application US/08679645

; Patent No. 6350934

; GENERAL INFORMATION:

; APPLICANT: Zwick, Michael G.

; APPLICANT: Edington, Brent E.

; APPLICANT: McSwiggen, James A.

; APPLICANT: Merlo, Patricia Ann Owens

; APPLICANT: Guo, Lining

; APPLICANT: Skokut, Thomas A.

; APPLICANT: Young, Scott A.

; APPLICANT: Folckerts, Otto

; TITLE OF INVENTION: COMPOSITION AND METHODS FOR

; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

; TITLE OF INVENTION: IN PLANTS

; NUMBER OF SEQUENCES: 1263

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/679,645

; FILING DATE: July 12, 1996

; CLASSIFICATION: 800

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/001,135

FILED DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1165:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-1165

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 68 GCGGCGGCGGCGGCGG 84
DB 18 GCGGCGGCGGCGGCGG 2

RESULT 1985
US-08-679-645-1185
Sequence 1185, Application US/08679645
Patent No. 6350934

GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1185:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-1185

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 1.8e+03;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 4610 CCCCACTGCTTGGAGT 4626
DB 1 CCCCACTGCTTGGAGT 17

RESULT 1986
US-09-404-066-5
Sequence 5, Application US/09404066
Patent No. 6355409

GENERAL INFORMATION:
APPLICANT: Bradley, John D.
APPLICANT: Thompson, Craig M.
APPLICANT: Moore, Jeffrey B.
APPLICANT: Mobbe, C. Richard
APPLICANT: Healy, Judith M.
APPLICANT: Donnelly, Caroline E.
TITLE OF INVENTION: REGULATED GENE EXPRESSION IN YEAST
FILE REFERENCE: 0342/1D4690S1
CURRENT FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: US 09/138,024
PRIOR FILING DATE: 1998-08-21
PRIOR APPLICATION NUMBER: 60/056,719
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: ROX-B PCR primer
US-09-404-066-5

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2038 ATGACAGCTGTGTAGG 2054
DB 2 ATGACAGCTGTGTAGG 18

RESULT 1987
US-09-099-053-10/C
Sequence 10, Application US/09099053
Patent No. 6388063
GENERAL INFORMATION:
APPLICANT: Greg Plowman
APPLICANT: Susan Onrust
APPLICANT: David Markby
APPLICANT: Sara Courtenidge
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: SAD RELATED DISORDERS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/099,053
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/049,914
FILING DATE: June 18, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 235/121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TRLEX: 67-3510
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-099-053-10

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5280 CAGGTGGCAGCCTCTAC 5296
DB 18 CTGATGGCAGCCTCTAC 2

RESULT 1988
US-09-167-109-177/C
Sequence 177, Application US/09167109
Patent No. 6399297
GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowser, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 177
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-167-109-177

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6195 GAGATGCGAGGATTT 6211
DB 17 GAGATGCGAGGATTT 1

RESULT 1989
US-09-256-838-6/C
Sequence 6, Application US/09256838
Patent No. 6416949
GENERAL INFORMATION:
APPLICANT: DOWER, WILLIAM J
BARRETT, RONALD W
GALLOP, MARK A
NEEDLES, MICHAEL C
TITLE OF INVENTION: METHOD OF SYNTHESIZING DIVERSE
COLLECTIONS OF OLIGOMERS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESS: TOWNSEND AND TOWNSEND
STREET: 1 MARKET PLAZA, STEWART TOWER, SUITE 2000
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/256,838
FILING DATE: 24-Feb-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/946,239
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-36-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-256-838-6

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5733 CTTCCTTCCCTTCT 5749
DB 17 CTTCCTTCCCTTCT 1

RESULT 1990
US-09-144-367-36/C
Sequence 36, Application US/09144367
Patent No. 6432639
GENERAL INFORMATION:
APPLICANT: Lichte, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-144-367-36

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1318 TCCGCTCCAGACAGACA 1314
Db 17 TCCAGTCCAGACAGACA 1

RESULT 1991
US-09-250-609-56
; Sequence 56, Application US/09250609A
; Patent No. 6458943
; GENERAL INFORMATION:
; APPLICANT: Byrne, Jennifer A.
; TITLE OF INVENTION: Members of the D52 Gene Family
; FILE REFERENCE: 1383.0210002
; CURRENT APPLICATION NUMBER: US/09/250.609A
; CURRENT FILING DATE: 1998-02-17
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-250-609-56

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 618 TGTGAGCTGGCGAATGC 634
Db 2 TGTGAGCTGGCGTGTGC 18

RESULT 1992
US-08-559-390-263/C
; Sequence 263, Application US/08559390
; Patent No. 6479261
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Bradford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maïre H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKeam, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Palk, Kuman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,390
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,796
; FILING DATE:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 263:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-559-390-263

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5890 ACTGACAGAGCCAGCA 5906
Db 18 AATGACAGAGCCAGCA 2

RESULT 1993
US-09-435-321-9
; Sequence 9, Application US/09435321
; Patent No. 6491908
; GENERAL INFORMATION:
; APPLICANT: Rosenberg, Amy Sonya
; TITLE OF INVENTION: Selective Elimination of T Cells That
; Recognize Specific Preselected Targets
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/435,321
; FILING DATE: 04-NO. 6491908-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/029,045
; FILING DATE: 02-JUN-1998
; APPLICATION NUMBER: US 60/002,964
; FILING DATE: 30-AUG-1995
; APPLICATION NUMBER: WO PCT/US96/13873
; FILING DATE: 29-AUG-1996
; ATTORNEY/AGENT INFORMATION:

```
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 015280-236100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-435-321-9

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5025 GGAGGAGGCGACTGACT 5041
DB      1  GGAGGAGGCGAGTGACT 17

RESULT 1994
US-09-555-313B-13/c
; Sequence 13, Application US/09555313B
; Patent No. 6506580
; GENERAL INFORMATION:
; APPLICANT: FISCHMEISTER, Rudolph et al.
; TITLE OF INVENTION: Splicing variants of the human serotoninergic receptor
; FILE REFERENCE: F06762US00/BAS
; CURRENT APPLICATION NUMBER: US/09/555,313B
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: FR 97/15037
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-555-313B-13

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6084 TTCTCTTACTGGGCG 6100
DB      17  TTCTCTTCACTGAGGC 1

RESULT 1995
US-09-280-030-42/c
; Sequence 42, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNA ENCODING NEW FUSION PROTEINS AND PROCESSES FOR THE
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; PRIOR FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
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; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a forward primer for PCR amplification of
US-09-280-030-42

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4501 TTGGCTGTCTTGACGA 4517
DB      18  TTGGCTGTCTTCACGA 2

RESULT 1996
US-09-250-611-56
; Sequence 56, Application US/09250611
; Patent No. 6528283
; GENERAL INFORMATION:
; APPLICANT: Byrne, Jennifer A.
; APPLICANT: Bassett, Paul
; TITLE OF INVENTION: Members of the D52 Gene Family
; FILE REFERENCE: 1383.0210001
; CURRENT APPLICATION NUMBER: US/09/250,611
; PRIOR FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-250-611-56

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      618 TGTGAGCTGGCGAATGC 634
DB      2  TGTGAGCTGGCGTGTGC 18

RESULT 1997
US-09-573-322-5
; Sequence 5, Application US/09573322
; Patent No. 6531289
; GENERAL INFORMATION:
; APPLICANT: Bradley, John D.
; APPLICANT: Thompson, Craig M.
; APPLICANT: Moore, Jeffrey B.
; APPLICANT: Wobbe, C. Richard
; APPLICANT: Bailey, David A.
; TITLE OF INVENTION: Regulated Gene Expression in Yeast and
; FILE REFERENCE: 0342/ID469-US4
; CURRENT APPLICATION NUMBER: US/09/573,322
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 09/404,066
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: 09/138,024
; PRIOR FILING DATE: 1998-08-21
; PRIOR APPLICATION NUMBER: 60/056,719
; PRIOR FILING DATE: 1997-08-22
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; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ROK-B PCR primer
US-09-573-322-5

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2038 ATCAGCAGCTGTGATG 2054
Db      2 ATGACAGCTGTGTATG 18

RESULT 1998
US-09-478-189-28/c
; Sequence 28, Application US/09478189
; Patent No. 6534293
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Liu, Jianhao
; APPLICANT: Kirk, Brian W.
; APPLICANT: Zlotv, Monib
; APPLICANT: Gerry, No. 6534293man P.
; APPLICANT: Pary, Philip B.
; TITLE OF INVENTION: ACCELERATING IDENTIFICATION OF SINGLE NUCLEOTIDE
; TITLE OF INVENTION: POLYMORPHISMS AND ALIGNMENT OF CLONES IN GENOMIC
; FILE REFERENCE: 19603/2621
; CURRENT APPLICATION NUMBER: US/09/478, 189
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/114,881
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 181
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe/primer
US-09-478-189-28

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7412 TCAGCAGCAGCAGCAGC 7428
Db      17 TCAGCAGCAGCAGCGGC 1

RESULT 1999
US-09-422-978-5122
; Sequence 5122, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
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; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5122
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-21064 for SEQ 1188,
US-09-422-978-5122

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5322 CCTTTCCTCTCTTGGC 5338
Db      1 CCTTCTCTCTCTTTC 17

RESULT 2000
US-09-422-978-7190
; Sequence 7190, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7190
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2761 for SEQ 3256,
US-09-422-978-7190

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5389 CTTGACGTGCTTATG 5405
Db      2 CTTGGCTTGGCTTATG 18

RESULT 2001
US-09-422-978-7310
; Sequence 7310, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
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; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7310
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3603 for SEQ 3376,
US-09-422-978-7310

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2674 GACAGTGGAGAGGGGAG 2690
DB      2   GAAAGTGAGAGAGAG 18

RESULT 2002
US-09-422-978-8353
; Sequence 8353, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8353
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-14907 for SEQ 488, in compleme
US-09-422-978-8353

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5740 TCCCTTTTCTTCTATTC 5756
DB      2   TCCCTTTCTCATTC 18

RESULT 2003
US-09-422-978-10109
; Sequence 10109, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CPI
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; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10109
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-9542 for SEQ 2244, in compleme
US-09-422-978-10109

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      622 ACCTGCGGATGCTGCA 638
DB      1   ATCTGGCTATGCTGCA 17

RESULT 2004
US-09-422-978-10316
; Sequence 10316, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10316
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-11094 for SEQ 2451, in compleme
US-09-422-978-10316

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6185 GTGATGAGAGAGATG 6201
DB      2   GTGATGAGATGAGATG 18

RESULT 2005
US-09-422-978-10643
; Sequence 10643, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
```

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; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10643
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-18334 for SEQ 2778, in complem
US-09-422-978-10643

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      864 CTCGACGACGCTGCTTTT 880
DB      1 CTCGACGACGCTGCTTTT 17

RESULT 2006
US-09-422-978-11081
; Sequence 11081, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11081
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-24936 for SEQ 3216, in complem
US-09-422-978-11081

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5918 AAGCCAGAGTGTCCA 5934
DB      1 AATCCAGAGTGTCCA 17

RESULT 2007
US-09-422-978-11214
; Sequence 11214, Application US/09422978
; Patent No. 6537751
```

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; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11214
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-3445 for SEQ 3349, in complem
US-09-422-978-11214

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6962 GGGAGAGATGACTGAA 6978
DB      1 GGGAGAGATGACTGAA 17

RESULT 2008
US-09-230-652-89/c
; Sequence 89, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousset, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; EARLIER FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 89
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-89

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6547 TCTGTAGGCTGTGGG 6563
DB      18 TCTGTAGGCTGTGGG 2
```

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RESULT 2009
US-09-744-154-9/c
; Sequence 9, Application US/09744154
; Patent No. 6531783
; GENERAL INFORMATION:
; APPLICANT: CAREY, JANET E.
; TITLE OF INVENTION: QUANTITATIVE ANALYSIS OF GENE EXPRESSION USING PCR
; FILE REFERENCE: 620-126
; CURRENT APPLICATION NUMBER: US/09/744,154
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: PCT/GB99/02359
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: GB 9815799.3
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-744-154-9

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5542 GGTGGTCATGCAGATG 5558
Db 17 GCGCGTCATGCGGATG 1

RESULT 2010
US-09-686-055A-14
; Sequence 14, Application US/09686055A
; Patent No. 6566087
; GENERAL INFORMATION:
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 2786/35047
; CURRENT APPLICATION NUMBER: US/09/686,055A
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 08/951,648
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-686-055A-14

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 AAGGCAAGCCAGTGT 899
Db 2 AAGGCACTGCCACTGAT 18

RESULT 2011
US-09-371-772B-1474/c
; Sequence 1474, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
```

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; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1474
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1474

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3219 GCGTGGAGAGCGGAG 3235
Db 17 GCGTTGAGACAGGAG 1

RESULT 2012
US-09-371-772B-4062
; Sequence 4062, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 4062
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4062

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 18;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4157 TTCTGTGACCTGGCTAG 4173
Db 2 TUCUCGACCGGCGCAG 18

RESULT 2013
US-09-371-772B-4070/c
; Sequence 4070, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```



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; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MH800, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4070
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus gp.
US-09-371-772B-4070

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6925 AGCTCTGGCTGCTGTT 6941
Db      17 AACCTCAGGCTGCTGTT 1

RESULT 2014
US-09-679-298A-30
; Sequence 30, Application US/09679298A
; Patent No. 6566131
; GENERAL INFORMATION:
; APPLICANT: Brett P. Montie
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
; FILE REFERENCE: RTS-0045
; CURRENT APPLICATION NUMBER: US/09/679,298A
; CURRENT FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-298A-30

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7415 GCACGACGACGACGACG 7431
Db      1 GCTCCAGCAGCAGCAGC 17

RESULT 2015
US-09-331-568A-8
; Sequence 8, Application US/09331568A
; Patent No. 6570004
; GENERAL INFORMATION:
; APPLICANT: Martin J. Blaser
; APPLICANT: Mikio Katita
; TITLE OF INVENTION: daps GENE OF HELICOBACTER PYLORI AND
; FILE REFERENCE: 22000.0072
; CURRENT APPLICATION NUMBER: US/09/331,568A
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: PCT/US97/24147
; PRIOR FILING DATE: 1997-12-23
; PRIOR APPLICATION NUMBER: 60/033,824
; PRIOR FILING DATE: 1996-12-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
```

```

; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:\No. 6570004e =
US-09-331-568A-8

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6175 AGGAAAAGACTGATCA 6191
Db      2 AGGAAAAGAGTGATTA 18

RESULT 2016
US-09-981-621-2/C
; Sequence 2, Application US/09981621
; Patent No. 6589743
; GENERAL INFORMATION:
; APPLICANT: Sorge, Joseph
; TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid Using a
; FILE REFERENCE: 25436/1140
; CURRENT APPLICATION NUMBER: US/09/981,621
; CURRENT FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: US/09/686,179
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: synthetic oligonucleotide fragment of cleaved template
US-09-981-621-2

Query Match          0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTATTTTATTTTATTTT 4480
Db      17 TTTTATTTTATTTTATTTT 17

RESULT 2017
US-09-704-640-122
; Sequence 122, Application US/09704640
; Patent No. 6635459
; GENERAL INFORMATION:
; APPLICANT: Lewis, No. 6635459man G.
; APPLICANT: David, Laurence B.
; APPLICANT: Dinkova-Kostova, Albena T.
; APPLICANT: Fujita, Masayuki
; APPLICANT: Gang, David R.
; APPLICANT: Sarkanen, Simo
; APPLICANT: Ford, Joshua D
; TITLE OF INVENTION: RECOMBINANT PINORESINOL/LARICRESINOL REDUCTASE,
; FILE REFERENCE: MSUR-1-16492
; CURRENT APPLICATION NUMBER: US/09/704,640
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: 09/475,316
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/307,653
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: PCT/US97/20391
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/ PRIOR FILING DATE: 1997-11-07
/ PRIOR APPLICATION NUMBER: 60/054,380
/ PRIOR FILING DATE: 1997-07-31
/ PRIOR APPLICATION NUMBER: 60/030,522
/ PRIOR FILING DATE: 1996-11-08
/ NUMBER OF SEQ ID NOS: 122
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 122
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ NAME/KEY: misc feature
/ LOCATION: (1)..(18)
/ OTHER INFORMATION: Linker primer
US-09-704-640-122

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGGACTTTTCTTTT 4475
| | | | | | | | | | | | | | | | | | | | | |
Db 2 TCGAGTTTCTTTTCT 18

RESULT 2018
US-09-495-714C-96/C
/ Sequence 96, Application US/09495714C
/ Patent No. 6670465
/ GENERAL INFORMATION:
/ APPLICANT: University Technologies International Inc.
/ TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
/ FILE REFERENCE: 45499.4 (formerly 45074.6)
/ CURRENT APPLICATION NUMBER: US/09/495,714C
/ CURRENT FILING DATE: 2000-02-01
/ NUMBER OF SEQ ID NOS: 138
/ SOFTWARE: Patent In version 3.1
/ SEQ ID NO 96
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-495-714C-96

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2848 CACCCAAATCCAGGGA 2864
| | | | | | | | | | | | | | | | | | | | | |
Db 18 CACCCAAATCCAGGGA 2

RESULT 2019
PCT-US92-07815-6/C
/ Sequence 6, Application PC/TUS9207815
/ GENERAL INFORMATION:
/ APPLICANT: DOWER, WILLIAM J
/ APPLICANT: BARRETT, RONALD W
/ APPLICANT: GALLOP, MARK A
/ APPLICANT: NEEDELS, MICHAEL C
/ TITLE OF INVENTION: METHOD OF SYNTHESIZING DIVERSE
/ NUMBER OF SEQUENCES: 16
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: TOWNSEND AND TOWNSEND
/ STREET: 1 MARKET PLAZA, STEUART TOWER, SUITE 2000
/ CITY: SAN FRANCISCO
/ STATE: CALIFORNIA
/ COUNTRY: USA
/ ZIP: 94105

/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US92/07815
/ FILING DATE: 19920916
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Smith, William M.
/ REGISTRATION NUMBER: 30,223
/ REFERENCE/DOCKET NUMBER: 11509-36-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-543-9600
/ TELEFAX: 415-543-5043
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
PCT-US92-07815-6

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5733 CTTCCTTCCCTTTCT 5749
| | | | | | | | | | | | | | | | | | | | | |
Db 17 CTTCCTTCCCTTTCT 1

RESULT 2020
PCT-US93-11198-263/C
/ Sequence 263, Application PC/TUS9311198
/ GENERAL INFORMATION:
/ APPLICANT: Abrams, Mark A.
/ APPLICANT: Bauer, S. C.
/ APPLICANT: Bralford-Goldberg, Sarah R.
/ APPLICANT: Caparon, Maite H.
/ APPLICANT: Easton, Alan M.
/ APPLICANT: Klein, Barbara K.
/ APPLICANT: McKearn, John P.
/ APPLICANT: Oline, Peter O.
/ APPLICANT: Paik, Kumman
/ APPLICANT: Polaszki, Joseph O.
/ APPLICANT: Timmas, John W.
/ TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
/ NUMBER OF SEQUENCES: 549
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
/ ADDRESSEE: Corporate Patent Dept.
/ STREET: P. O. Box 5110
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60680
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US93/11198
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/981044
/ FILING DATE: 24-NOV-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bennett, Dennis A.

REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C2713/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708) 470-6501
TELEFAX: (708) 470-6881
INFORMATION FOR SEQ ID NO: 263:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (synthetic)
PCT-US93-11198-263

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5890 ACTGACAGACCAAGA 5906
Db 18 AATGACAGACCAAGA 2

RESULT 2021
PCT-US96-01473-4
Sequence 4, Application PC/TUS9601473
GENERAL INFORMATION:
APPLICANT: University of Nebraska, Board of Regents
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01473
FILING DATE: 29-JAN-1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/384,324
FILING DATE: 01-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULAR TYPE: other nucleic acid
HYPOTHETICAL: YES
ANTI-SENSE: YES
PCT-US96-01473-4

Query Match 0.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 4463 CTTTCTTTCTCTCTTT 4479
|||||

Db 2 CTTTCTTTCTCTCTTT 18

RESULT 2022
US-07-985-691-9/c
Sequence 9, Application US/07985691
Patent No. 5405946
GENERAL INFORMATION:
APPLICANT: Griffin, John H
APPLICANT: Bouma, Bonno N
APPLICANT: Bertina, Rogier
TITLE OF INVENTION: RECOMBINANT PROTEIN S VARIANTS DEFICIENT
TITLE OF INVENTION: IN GAP BINDING ACTIVITY, COMPOSITIONS AND THERAPEUTIC
METHODS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESSES:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESSEE: Patent Counsel
STREET: 10666 No. 5405946th Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/985,691
FILING DATE: 19921202
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSR0042P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-985-691-9

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5310 TTTGCTTCTCTCTTT 5326
Db 19 TTTGCTTCTCTCTTT 3

RESULT 2023
US-08-117-952-316/c
Sequence 316, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles

STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 316:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-316

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1766 TCATCCGCGGAGGAG 1782
DB 18 TCCTCCGCGGAGGAG 2

RESULT 2024
US-08-987-418A-4/C
Sequence 4, Application US/08987418A
Patent No. 6046316
GENERAL INFORMATION:
APPLICANT: Trikha, Mohit
APPLICANT: Honn, Kenneth V.
TITLE OF INVENTION: Truncated Integrins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
STREET: P.O. Box 828
CITY: Bloomfield Hills
STATE: MI
COUNTRY: U.S.A.
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/987,418A
FILING DATE: 09-DEC-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36,683
REFERENCE/DOCKET NUMBER: 4981-097401
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 641-1600

TELEFAX: (248) 641-0270
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-987-418A-4

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5646 GACCCCGACCTTCATCC 5662
DB 19 GACTCCGACGCTTCC 3

RESULT 2025
US-09-371-710-7/C
Sequence 7, Application US/09371710A
Patent No. 6146868
GENERAL INFORMATION:
APPLICANT: Kozel, Thomas R.
APPLICANT: Bloomer, Sheri L.
APPLICANT: Savoy, Anne C.
TITLE OF INVENTION: Glucuronoxylomannan (GXM)-O-Acetylhydrolase of
FILE REFERENCE: D6245
CURRENT APPLICATION NUMBER: US/09/371,710A
FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: nucleotide sequence of degenerate PCR primer
US-09-371-710-7

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1467 CGCGCGCGAACCAGCC 1485
DB 19 CRCGCGCGAACCAGGTC 1

RESULT 2026
US-09-343-062-4/C
Sequence 4, Application US/09343062
Patent No. 6216514
GENERAL INFORMATION:
APPLICANT: Trikha, Mohit
APPLICANT: Honn, Kenneth V.
TITLE OF INVENTION: Truncated Integrins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
STREET: P.O. Box 828
CITY: Bloomfield Hills
STATE: MI
COUNTRY: U.S.A.
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

```
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/343,062
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/987,418
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36,683
REFERENCE/DOCKET NUMBER: 4981-097401
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 641-1600
TELEFAX: (248) 641-0270
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-343-062-4
```

```
Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5646 GACCCCAAGCTCTATCC 5662
DB 19 GACTCCAGCCTCTTCC 3
```

```
RESULT 2027
US-09-648-386-7/c
Sequence 7, Application US/09648386
Patent No. 6284508
GENERAL INFORMATION:
APPLICANT: Kozel, Thomas R.
APPLICANT: Bloomer, Sherri L.
APPLICANT: Savoy, Anne C.
TITLE OF INVENTION: Glucuronoxylomannan (GXM)-O-Acetylhydrolase of
FILE REFERENCE: D6245D
CURRENT APPLICATION NUMBER: US/09/648,386
CURRENT FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: US 09/371,710
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: nucleotide sequence of degenerate PCR primer
OTHER INFORMATION: N-terminal 19-mer
US-09-648-386-7
```

```
Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1467 CGGGCGCCGAAACCGGCC 1485
DB 19 CRCCWGGCCGAAACCGGCTC 1
```

```
RESULT 2028
US-09-446-765-1/c
```

```
Sequence 1, Application US/09446765
Patent No. 631090
GENERAL INFORMATION:
APPLICANT: United States of America, as represented by the
Secretary, Department of Health and Human Services,
National Institutes of Health, Office of Technology
Transfer, 601 Executive Blvd., Suite 325, Rockville,
Maryland 20852
TITLE OF INVENTION: METHODS FOR TREATING PARASITIC INFECTIONS
USING THIOPEPTIDES
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: NEEDLE & ROSENBERG, P. C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: GA
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/446,765
FILING DATE: 20-Mar-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Miller, Mary L.
REGISTRATION NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 14014.0233/P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-446-765-1
```

```
Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 6388 AAAAGCTCTAATGCC 6404
DB 17 AAAAGCTCTAATGCC 1
```

```
RESULT 2029
US-09-564-805-54
Sequence 54, Application US/09564805
Patent No. 6333403
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-linked Prostate Cancer Susceptibility
FILE OF INVENTION: Gene and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/564,805
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
```

PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 54
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-564-805-54

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5500 ACTGAAATAATACCCG 5516
DB 3 ACTGAAATAATACCTCG 19

RESULT 2030

US-08-604-986-10
Sequence 10, Application US/08604986
Patent No. 637243
GENERAL INFORMATION:
APPLICANT: JACOBS, Eric
APPLICANT: SILVESTRE, Nathalie
APPLICANT: MOUGIN, Bruno
APPLICANT: BISARDON, Odette
APPLICANT: JOLIVET, Michel
TITLE OF INVENTION: CASSETTE FOR EXPRESSING A TOXOPLASMA
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/604,986
FILING DATE: 13-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR95/00942
FILING DATE: 13-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94/08760
FILING DATE: 13-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Rea, Teresa Stanek
REGISTRATION NUMBER: 30,427
REFERENCE/DOCKET NUMBER: 017753-073
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: synthetic oligonucleotide (OTG5829)
US-08-604-986-10

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5866 GGCAGGTCAGGCTTAG 5882
DB 1 GGCAGGTCAGGCTTAG 17

RESULT 2031

US-09-214-555B-9
Sequence 9, Application US/09214555B
Patent No. 6380171
GENERAL INFORMATION:
APPLICANT: INSTITUT DE RECHERCHE CLINIQUE DE MONTREAL
TITLE OF INVENTION: PRO-PROTEIN CONVERTING ENZYME
FILE REFERENCE: PRO-PROTEIN CONVERTING ENZ
CURRENT APPLICATION NUMBER: US/09/214,555B
CURRENT FILING DATE: 1999-01-04
PRIOR APPLICATION NUMBER: 60/021,008
PRIOR FILING DATE: 1996-07-26
PRIOR APPLICATION NUMBER: 2,203,745
PRIOR FILING DATE: 1997-04-25
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-214-555B-9

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 456 GCCTCAGATCTTGCG 472
DB 3 GCCTCAGATCTTGCG 19

RESULT 2032

US-09-302-681-73/C
Sequence 73, Application US/09302681
Patent No. 6441149
GENERAL INFORMATION:
APPLICANT: Herinstdt, Corrina
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Cleverger, William
APPLICANT: Fahy, Eoin F.
TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON
TITLE OF INVENTION: QUANTIFICATION OF EXTRAMITOCHONDRIAL DNA
FILE REFERENCE: 660088, 416C1
CURRENT APPLICATION NUMBER: US/09/302,681
CURRENT FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 108
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 73
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer corresponding to NADH
OTHER INFORMATION: dehydrogenase encoding mitochondrial DNA
US-09-302-681-73

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
OY      5557 TGGAAGTGGTGTGG 5573
      |||||
Db      17 TGGAAGTGGCGCTGG 1
      |||||

RESULT 2033
US-09-402-690-15
; Sequence 15, Application US/09402690
; Patent No. 6425727
; GENERAL INFORMATION:
; APPLICANT: Kufner, Peter
; APPLICANT: Zippelius, Alfred
; TITLE OF INVENTION: PRIMERS AND METHODS FOR THE DETECTION OF
; FILE REFERENCE: DISSEMINATED TUMOR CELLS
; CURRENT APPLICATION NUMBER: US/09/402,690
; CURRENT FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: PCT/EP98/02081
; PRIOR FILING DATE: 1998-04-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-402-690-15

Query Match      0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      5018 GCGTCGCGAGAGGCA 5034
      |||||
Db      1 GCGTCGCGAGAGGCA 17
      |||||

RESULT 2034
US-09-470-661A-40
; Sequence 40, Application US/09470661A
; Patent No. 6500662
; GENERAL INFORMATION:
; APPLICANT: Pfizer Products Inc.
; TITLE OF INVENTION: AN INFECTIOUS CDNA CLONE OF NORTH AMERICAN PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS AND
; FILE REFERENCE: PC10278A
; CURRENT APPLICATION NUMBER: US/09/470,661A
; CURRENT FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer,
; OTHER INFORMATION: reverse, used for synthesizing downstream flanking
; OTHER INFORMATION: region to ORF4
US-09-470-661A-40

Query Match      0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      5098 TGCCGTGCATTCGCT 5114
      |||||
Db      1 TGCCGTGCATTCGCT 17
      |||||

RESULT 2035
US-09-216-393B-257

; Sequence 257, Application US/09216393B
; Patent No. 6514694
; GENERAL INFORMATION:
; APPLICANT: Milhausen, Michael James
; TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THE
; FILE REFERENCE: TX-1-C2
; CURRENT APPLICATION NUMBER: US/09/216,393B
; CURRENT FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994,825
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 366
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 257
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-216-393B-257

Query Match      0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      677 AGTCTGCAAGCCCTG 693
      |||||
Db      1 ATTCTGCAAGCCCG 17
      |||||

RESULT 2036
US-09-540-257B-11
; Sequence 11, Application US/09540257B
; Patent No. 6518012
; GENERAL INFORMATION:
; APPLICANT: Thomas, Thomas
; TITLE OF INVENTION: Method for Regulating the Expression of MHC Antigens and
; FILE REFERENCE: 03551,0048
; CURRENT APPLICATION NUMBER: US/09/540,257B
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/146,275; US 60/127,591
; PRIOR FILING DATE: 1999-07-29; 1999-04-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer for Human CD40
US-09-540-257B-11

Query Match      0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      4850 GTTCTGTTCTGCTGGC 4866
      |||||
Db      3 GTTCTGTTCTGCTGGC 19
      |||||

RESULT 2037
US-09-422-978-5607/C
; Sequence 5607, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
```

```
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5607
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-5516 for SEQ 1673,
US-09-422-978-5607

Query Match          0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3663 CCGAGCCCAACAACCT 3679
DB      19  CCAGACTTAACAACACT 3

RESULT 2038
US-09-422-978-7196/c
; Sequence 7196, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7196
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2819 for SEQ 3262,
US-09-422-978-7196

Query Match          0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3420 CCTCTCTGTCCACATT 3436
DB      17  CCTCTCAGTCACAGTT 1

RESULT 2039
US-09-422-978-8453/c
; Sequence 8453, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
```

```
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8453
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-1557 for SEQ 588, in complemen
US-09-422-978-8453

Query Match          0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      668 TTCCTTGAGTCTGTG 684
DB      17  TTCCTTGAGTCTGTG 1

RESULT 2040
US-09-422-978-9771/c
; Sequence 9771, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9771
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-724 for SEQ 1906, in complemen
US-09-422-978-9771

Query Match          0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1971 ACAGCCAGTATATTC 1987
DB      18  ACAGCCTGATATATTC 2

RESULT 2041
US-09-254-776B-42/c
; Sequence 42, Application US/09254776B
; Patent No. 6559358
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
```



```
FILE REFERENCE: 27013/33479A
CURRENT APPLICATION NUMBER: US/09/254,776B
CURRENT FILING DATE: 1999-03-09
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PatentIn version 3.0
SEQ ID NO 42
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-254-776B-42

Query Match      0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6013 CTGGCATTTCACACC 6029
DB      18 CTGGCATTTCATCCC 2

RESULT 2042
US-09-672-717-143
Sequence 143, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Lacasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 143
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
US-09-672-717-143

Query Match      0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7254 TGGGGAATGTCTCTG 7270
DB      1 TGGGGAATGTCTCAG 17

RESULT 2043
PCT-US91-03680-3
Sequence 3, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 18
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 19
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "1,3-propanediol"
PCT-US91-03680-3

Query Match      0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTT 4479
DB      1 CTTTTTCTTTTCTT 17

RESULT 2044
PCT-US94-06331A-21/C
Sequence 21, Application PC/TUS9406331A
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: TREATMENT OF FIBROSIS AND
TITLE OF INVENTION: FIBROUS TISSUE DISEASE
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
```

COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06331A
FILING DATE: June 2, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US94-06331A-21

Query Match 0.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2009 CCCGAGGAGGATGGG 2025
DB 19 CCCCTGACGGGCTGGG 3

RESULT 2045
US-09-536-259-9/c
Sequence 9, Application US/09536259
Patent No. 6358687
GENERAL INFORMATION:
APPLICANT: CHABOT, Benot
APPLICANT: WELLINGER, Raymond
TITLE OF INVENTION: COMPOSITION AND METHODS FOR MONITORING THE BINDING OF
TITLE OF INVENTION: A1/UP1 TO TELOMERIC DNA SEQUENCES AND TELOMERASE RNA
TITLE OF INVENTION: AND TO MEASURE THE EFFECT OF THIS BINDING ON TELOMERASE
TITLE OF INVENTION: EXTENSION AND PROTECTION
FILE REFERENCE: 9555,990S01
CURRENT APPLICATION NUMBER: US/09/536,259
CURRENT FILING DATE: 2000-03-27
EARLIER APPLICATION NUMBER: 2,264,262
EARLIER FILING DATE: 1999-03-25
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
US-09-536-259-9

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3388 CCCAGCTGCACCCCC 3404

DB 17 CCCCTGCTCCACCCCC 1

RESULT 2046
US-08-906-156A-87/c
Sequence 87, Application US/08906156A
Patent No. 6287854
GENERAL INFORMATION:
APPLICANT: SPURR, NIGEL K
APPLICANT: GRAY, IAN C
APPLICANT: STEWART, LORNA M
TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER
TITLE OF INVENTION: AND TREATMENT THEREOF
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P. C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/906,156A
FILING DATE: 05-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/042,655
FILING DATE: 02-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/033,147
FILING DATE: 13-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/005,840
FILING DATE: 23-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/96GB/02588
FILING DATE: 22-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 1090-14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4000
TELEFAX: 703-816-4100
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC OLIGO"
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-906-156A-87

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6078 TTCCTTTCTCTTACC 6094
DB 18 TTCCTTTCTCTTACC 2

RESULT 2047
US-08-031-143B-38/c

; Sequence 38, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & PINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031.143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELETYPE: 421792
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; DESCRIPTION: NO
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
; US-08-031-143B-38
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 1324 CCAGACAGACAGAGGA 1340
DB 20 CCAGACAGATGAGGA 4
RESULT 2048
US-08-025-038-4/c
; Sequence 4, Application US/08025038
; Patent No. 5545526
; GENERAL INFORMATION:
; APPLICANT: BAXTER-LOWE, Lee-Ann
; TITLE OF INVENTION: Method For HLA Typing
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 777 E. Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-5367
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/025.038
; FILING DATE: 19930301
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/544,218
; FILING DATE: 27-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyer, Philip G.
; REGISTRATION NUMBER: 30,478
; REFERENCE/DOCKET NUMBER: 204 854
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414)289-3761
; TELEFAX: (414)289-3791
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-025-038-4
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 7086 CCCGTGGTGTAGTACGA 7102
DB 19 CCGTGGTGTAGTACGA 3
RESULT 2049
US-08-271-942A-105
; Sequence 105, Application US/08271942A
; Patent No. 5550020
; GENERAL INFORMATION:
; APPLICANT: Gaillie, Brenda L.
; APPLICANT: Dunn, James M.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271.942A
; FILING DATE: 08-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN-P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELETYPE:
; INFORMATION FOR SEQ ID NO: 105:

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; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: genomic DNA
;   HYPOTHETICAL: no
;   ANTI-SENSE: no
;   FRAGMENT TYPE: internal
;   ORGANISM: human
;   FEATURE:
;     NAME/KEY: primer for exon 20 of human RB1 gene
;     US-08-271-942A-105

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2886 GTAGGAGAGAGTGTAGG 2902
Db 2 GTAGGAGAGAGAGAGG 18

RESULT 2050
US-08-104-073-9
; Sequence 9, Application US/08104073
; Patent No. 5589610
; GENERAL INFORMATION:
;   APPLICANT: De Beuckeleer, Marc
;   APPLICANT: Herdies, Lydia
;   APPLICANT: Gosselle, Veronique
;   APPLICANT: Mariana, Celestina
;   TITLE OF INVENTION: Stamen-specific Promoters from Corn
;   NUMBER OF SEQUENCES: 21
;   CORRESPONDENCE ADDRESS:
;     ADDRESSER: Merchant & Gould
;     STREET: 3100 No. 5589610west Center
;     CITY: Minneapolis
;     STATE: MN
;     COUNTRY: USA
;     ZIP: 55402
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: Patent Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/104,073
;     FILING DATE: 05-AUG-1993
;     CLASSIFICATION: 800
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: WO PCT/EP92/00275
;     FILING DATE: 05-FEB-1992
;     PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: EP 91401787.6
;     FILING DATE: 28-JUN-1991
;     PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: EP 91400300.9
;     FILING DATE: 07-FEB-1991
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Kowalchuk, Katherine M.
;     REGISTRATION NUMBER: 36,848
;     REFERENCE/DOCKET NUMBER: 8076.92USMO
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 612-332-5300
;     TELEFAX: 612-332-9081
;   INFORMATION FOR SEQ ID NO: 9:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 20 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear

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; MOLECULE TYPE: DNA (genomic)
;   IMMEDIATE SOURCE:
;   CLONE: nucleotides 74 to 93 of pCA444
;   US-08-104-073-9

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 42 GCTCCGCGCGCGGCA 58
Db 4 GGTCTCGCGCGGCA 20

RESULT 2051
US-08-290-936-11
; Sequence 11, Application US/08290936
; Patent No. 5656743
; GENERAL INFORMATION:
;   APPLICANT: Busch et al.
;   TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION
;   NUMBER OF SEQUENCES: 16
;   CORRESPONDENCE ADDRESS:
;     ADDRESSER: Woodcock Washburn Kurtz
;     ADDRESSER: Mackiewicz & No. 5656743xis
;     STREET: One Liberty Place - 46th Floor
;     CITY: Philadelphia
;     STATE: PA
;     COUNTRY: USA
;     ZIP: 19103
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
;     COMPUTER: IBM PS/2
;     OPERATING SYSTEM: PC-DOS
;     SOFTWARE: WORDPERECT 5.0
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/290,936
;     FILING DATE: No. 5656743ember 18, 1994
;     CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: PCT/US93/00754
;     FILING DATE: January 27, 1993
;     APPLICATION NUMBER: 07/841,660
;     FILING DATE: February 19, 1992
;   ATTORNEY/AGENT INFORMATION:
;     NAME: John W. Caldwell and Rebecca L. Ralph
;     REGISTRATION NUMBER: 28,937 and 35,152
;     REFERENCE/DOCKET NUMBER: BAY-0032
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (215) 568-3100
;     TELEFAX: (215) 568-3439
;   INFORMATION FOR SEQ ID NO: 11:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 20
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     ANTI-SENSE: yes
;     US-08-290-936-11

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2335 CGCATGACACCGCGCT 2351
Db 1 CGCATGACACCGCGCT 17

RESULT 2052
US-08-320-604A-1
; Sequence 1, Application US/08320604A

```

Patent No. 5658729
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Ma, Yuanhong
APPLICANT: Lewis, Suzanne
APPLICANT: Liu, Guoqing
TITLE OF INVENTION: Method, Reagent and Kit for Evaluating
TITLE OF INVENTION: Susceptibility to Premature Atherosclerosis and Other Forms of
TITLE OF INVENTION: Coronary Artery Disease and Treatment of Same Using Gene Thera
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: USA
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS DOS 5.0
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/320,604A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32038
REFERENCE/DOCKET NUMBER: UBC.P-001-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHEICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: human
FEATURE: Primer for exon 6 of human LPL
US-08-320-604A-1
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1812 CGGAGATCACTCTGG 1828
Db 2 CCGAGATCACTCTGG 18
RESULT 2053
US-08-487-141B-16/c
Sequence 16, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagen, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHEICAL: NO
ANTI-SENSE: YES
US-08-487-141B-16
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3217 GTGGGTGGAGAGGGA 3233
Db 17 GTGGGTGGAGAGGGA 1
RESULT 2054
US-08-271-880A-188
Sequence 188, Application US/08271880A
Patent No. 5693535
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,880A
FILING DATE: July 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/103,243
two

FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 188:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-271-880A-188

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 64.7%; Pred. No. 2.1e+03;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1550 TCAAGTCTGGGCATC 1566
Db 1 UCACAGUCUGGCGCACC 17

RESULT 2055
US-08-535-230A-16
Sequence 16, Application US/08535230A
Patent No. 5707847
GENERAL INFORMATION:
APPLICANT: Christeau, Stephan
APPLICANT: Kofoed, Lene Kofoed
APPLICANT: Andersen, Lene No. 5707847boe
APPLICANT: Kauppinen, Sakari
APPLICANT: Heldt-Hansen, Hans Peter
APPLICANT: Budolfson, Gitte
APPLICANT: Dalboge, Henrik
TITLE OF INVENTION: An Enzyme Exhibiting Pectin
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5707847o No. 5707847disk of No. 5707847th America, Inc.
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,230A
FILING DATE: 02-NOV-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Valeta, Gregg A
REGISTRATION NUMBER: 35,127
REFERENCE/DOCKET NUMBER: 3667,204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
TELEX:
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: cDNA
US-08-535-230A-16

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2610 ACCGCTACTATGCC 2626
Db 4 ACCGCTCTATGACC 20

RESULT 2056
US-08-363-233B-4
Sequence 4, Application US/08363233B
Patent No. 5714383
GENERAL INFORMATION:
APPLICANT: Thompson, James D.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATING CHRONIC
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
OPERATING SYSTEM: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,233B
FILING DATE: December 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below: 2
APPLICATION NUMBER: 07/882,822
FILING DATE: May 14, 1992
APPLICATION NUMBER: 08/193,922
FILING DATE: February 7, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/165
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-233B-4

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 70.6%; Pred. No. 2.1e+03;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 2539 GAGCTCAGATCTGAC 2555
Db 2 GAGCTCAGATCTGAC 18

RESULT 2057
US-08-481-633B-3/c

```
; Sequence 3, Application US/0848163B
; Patent No. 5725858
; GENERAL INFORMATION:
; APPLICANT: Fioretto, William C.
; APPLICANT: Kousoulas, Konstantin
; APPLICANT: Satterlee, Daniel G.
; TITLE OF INVENTION: Inhibin Compositions and Methods of
; TITLE OF INVENTION: Enhancing Production Performance
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Jones & Askew
; STREET: 191 Peachtree Street, 37th Floor
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1769
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,633B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/202,964
; FILING DATE: 28-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/395,554
; FILING DATE: 28-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, James D.
; REGISTRATION NUMBER: 31,771
; REFERENCE/DOCKET NUMBER: 01051-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 818-3700
; TELEFAX: (404) 818-3799
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-481-633B-3

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      28 GGGAGCTGCTGACAGCT 44
Db      20 GGGCGCTGACAGAGCT 4

RESULT 2058
US-08-480-493A-3/C
; Sequence 3, Application US/08480493A
; Patent No. 5747659
; GENERAL INFORMATION:
; APPLICANT: Fioretto, William C.
; APPLICANT: Kousoulas, Konstantin
; APPLICANT: Satterlee, Daniel G.
; TITLE OF INVENTION: Inhibin Compositions and Methods of
; TITLE OF INVENTION: Enhancing Production Performance
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Jones & Askew
; STREET: 191 Peachtree Street, 37th Floor
; CITY: Atlanta
```

```
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1769
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,493A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/202,964
; FILING DATE: 28-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/395,554
; FILING DATE: 28-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, James D.
; REGISTRATION NUMBER: 31,771
; REFERENCE/DOCKET NUMBER: 01051-0202
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 818-3700
; TELEFAX: (404) 818-3799
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-480-493A-3

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      28 GGGAGCTGCTGACAGCT 44
Db      20 GGGCGCTGACAGAGCT 4

RESULT 2059
US-08-616-368A-5
; Sequence 5, Application US/08616368A
; Patent No. 5767262
; GENERAL INFORMATION:
; APPLICANT: Lee, Wu-En
; APPLICANT: Haber, Edgar
; APPLICANT: Jain, Mukesh
; APPLICANT: Yet, Shaw-Pang
; TITLE OF INVENTION: SMOOTH MUSCLE CELL LIM PROTEIN
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/616,368A
; FILING DATE: 15-MAR-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
```

NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 05433/022001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-616-368A-5

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1574 TCGACCCCAAAACAG 1590
DB 4 TCCACCCCAAAATAG 20

RESULT 2060
US-08-482-638A-3/C
Sequence 3, Application US/08482638A
Patent No. 5786179
GENERAL INFORMATION:
APPLICANT: Fioretli, William C.
APPLICANT: Kousoulas, Konstantin
APPLICANT: Satterlee, Daniel G.
TITLE OF INVENTION: Inhibin Compositions and Methods of
TITLE OF INVENTION: Enhancing Production Performance
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jones & Askew
STREET: 191 Peachtree Street, 37th Floor
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303-1769
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,638A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/202,964
FILING DATE: 28-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/395,554
FILING DATE: 28-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Johnson, James D.
REGISTRATION NUMBER: 31,771
REFERENCE/DOCKET NUMBER: 01051-0205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 818-3700
TELEFAX: (404) 818-3799
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO

ANTI-SENSE: NO
US-08-482-638A-3

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 28 GGAGCTGCTGCAGCT 44
DB 20 GGCGCTGCAGAGCT 4

RESULT 2061
US-08-559-303B-56
Sequence 56, Application US/08559303B
Patent No. 5824501
GENERAL INFORMATION:
APPLICANT: NATHAN A. ELLIS, JAMES GERMAN, AND JOANNA
APPLICANT: GRODEN
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: OF BLOOM'S SYNDROME
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESS:
ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN
STREET: 90 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH 1.44 MB STORAGE DISKETTE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCIT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/559,303B
FILING DATE: NOVEMBER 15, 1995
ATTORNEY/AGENT INFORMATION:
NAME: ELIZABETH A. BOGOSTIAN
REGISTRATION NUMBER: 39,911
REFERENCE/DOCKET NUMBER: 63475/65
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 697-5995
TELEFAX: (212) 286-0854 or 286-0082
TELEX: TWX 710-581-4766
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: OTHER NUCLEIC ACID
DESCRIPTION: OTHER NUCLEIC ACID
HYPOTHETICAL: YES
ANTI-SENSE: NO
FEATURES:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-08-559-303B-56

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7403 CAAGCAATCAGCAGC 7419
DB 3 CAAGCAATCAGCAGC 19

RESULT 2062
US-08-577-858A-26

Sequence 26, Application US/08577858A
Patent No. 5834189
GENERAL INFORMATION:
APPLICANT: Stevens, John K.
APPLICANT: Dunn, James M.
APPLICANT: Leubner, James
APPLICANT: Green, Ronald
TITLE OF INVENTION: Method for Evaluation of Polymorphic
Genetics Sequences, and Use Thereof in Identification of HLA
TITLE OF INVENTION: Types
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSER: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/577,858A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-019-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for exon 6 of
OTHER INFORMATION: 11poretein 11pase gene
US-08-577-858A-26
Query Match 0.24; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.24; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 1812 CGGAGATCACTCTTG 1828
DB 2 CGGAGATCACTCTTG 18
RESULT 2063
US-08-632-575B-5
Sequence 5, Application US/08632575B
Patent No. 5843660
GENERAL INFORMATION:
APPLICANT: Schumm, James W.
TITLE OF INVENTION: Multiplex Amplification of
TITLE OF INVENTION: Short Tandem Repeat Loci
NUMBER OF SEQUENCES: 61

CORRESPONDENCE ADDRESS:
ADDRESSER: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: DOS, version 6.0
SOFTWARE: Wordperfect 5.1 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/632,575B
FILING DATE: 04/15/96
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/316,544
FILING DATE: 09/30/94
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: single
TOPOLOGY: linear
POSITION IN GENOME:
MAP POSITION: D5S818
US-08-632-575B-5
Query Match 0.24; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.24; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 7004 GGGGATTTCTCTTT 7020
DB 1 GGGGATTTCTCTTT 17
RESULT 2064
US-08-485-611A-5
Sequence 5, Application US/08485611A
Patent No. 5843482
GENERAL INFORMATION:
APPLICANT: Meyer, Jr., Rich B.
APPLICANT: Gampert, Howard B.
APPLICANT: Kutayavin, Igor V.
APPLICANT: Gail, Alexander A.
APPLICANT: Petrie, Charles R.
APPLICANT: Tabone, John C.
APPLICANT: Hurst, Gerald D.
TITLE OF INVENTION: CROSSLINKING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSER: Klein & Szekeres
STREET: 4199 Campus Drive, Suite 700
CITY: Irvine
STATE: CA
COUNTRY: USA
ZIP: 92715
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,611A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/226,949
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/011,482

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; FILING DATE: 26-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/334,490
; FILING DATE: 04-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/049,807
; FILING DATE: 20-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/353,857
; FILING DATE: 18-MAY-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/250,474
; FILING DATE: 28-SEP-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/178,733
; FILING DATE: 07-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/748,138
; FILING DATE: 21-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/353,857
; FILING DATE: 18-MAY-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-11-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-854-5502
; TELEFAX: 714-854-4897
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-485-611A-5

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6191 AGAGAGAAATGAGAGAG 6207
Db      2 AGAGAGAAAGAGAGAG 18

RESULT 2065
US-08-651-692-9/c
; Sequence 9, Application US/08651692
; Patent No. 5856099
; GENERAL INFORMATION:
; APPLICANT: Loren Miraglia, Thomas Geiger,
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,692
; FILING DATE: Herewith
; CLASSIFICATION: 536
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
;
US-08-651-692-9

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6956 AGGAGGGGAGAGGAATG 6972
Db      17 AGGAGCGGAGAGGAATG 1

RESULT 2066
US-08-852-807-21/c
; Sequence 21, Application US/08852807
; Patent No. 5861298
; GENERAL INFORMATION:
; APPLICANT: Debouck, Christine
; APPLICANT: Drake, Fred
; APPLICANT: Gowen, Maxine
; APPLICANT: Rood, Julie
; APPLICANT: Hastings, Gregg
; APPLICANT: Adams, Mark
; APPLICANT: Fraser, Claire
; APPLICANT: Lee, No. 5861298man
; APPLICANT: Kirtness, Ewen
; APPLICANT: Blake, Judith
; APPLICANT: Fitzgerald, Lisa
; TITLE OF INVENTION: CATHEPSIN K GENE
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-2799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,807
; FILING DATE: 07-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/019,942
; FILING DATE: 14-JUNE-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/020,273
; FILING DATE: 17-JUNE-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/026,273
; FILING DATE: 26-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
```

REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: ATG50006-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-852-807-21

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 5725 TTGCTGCTTCCTTC 5741
||| ||||| ||||| |||||
Db 19 TTGCTGCTTCCTTC 3

RESULT 2067
US-08-927-561-16/c
Sequence 16, Application US/08927561
Patent No. 5674567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSES: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent'n Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigauc, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-16

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 3217 GTGGGTGGAGAGGGA 3233
||| ||||| ||||| |||||
Db 17 GTGGGTGGAGAGGGA 1

RESULT 2068
US-08-713-557B-20
Sequence 20, Application US/08713557B
Patent No. 5912168
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Rudert, Fritz
TITLE OF INVENTION: CD95 REGULATORY GENE SEQUENCES
TITLE OF INVENTION: AND TRANSCRIPTION FACTORS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/713,557B
FILING DATE: 30-AUG-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Speckman, Ann W
REGISTRATION NUMBER: 31,881
REFERENCE/DOCKET NUMBER: 11000.1004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-713-557B-20

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 906 CATGTGTGAGTGTGG 922
||| ||||| ||||| |||||
Db 3 CATGTGTGAGTGTGG 19

RESULT 2069
US-08-832-658A-4/c
Sequence 4, Application US/08832658A
Patent No. 5914269
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Allan Lipson, Lois M. Wilters
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF EPIDERMAL
GROWTH FACTOR RECEPTOR EXPRESSION
NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 59142691is LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,658A
FILING DATE: April 4, 1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2450
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

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Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      22 CGCAGTGGGAGCTGCTG 38
       ||| ||||| ||||| |||
Db      20 CCCAATGGGAGCTGCTG 4

RESULT 2070
US-08-912-129A-2/c
; Sequence 2, Application US/08912129A
; Patent No. 592253
; GENERAL INFORMATION:
; APPLICANT: VALLARI, ANADRUZELA S.
; APPLICANT: HACKETT, JOHN JR.
; APPLICANT: HICKMAN, ROBERT K.
; APPLICANT: WRITERK, VINCENT A. JR.
; APPLICANT: NECKLAWMS, ELIZABETH A.
; APPLICANT: GOLDEN, ALAN M.
; APPLICANT: BRENNAN, CATHERINE A.
; APPLICANT: DEVARE, SUSHEL G.
; TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATION
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS (Windows 95)
; SOFTWARE: Microsoft Word (ASCII format output)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912.129A
; FILING DATE: 15-AUG-1997
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

```

```

: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Danckers, Andreas M.
: REGISTRATION NUMBER: 32,652
: REFERENCE/DOCKET NUMBER: 6109, US. 01
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 847-937-9803
: TELEFAX: 847-938-2623
:
: TELEX:
:
: INFORMATION FOR SEQ ID NO: 2:
:
: SEQUENCE CHARACTERISTICS:
:
: LENGTH: 20 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
:
: US-08-912-129A-2

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Query Match          0.2% Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2,1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4692 GGTCGATGACCATGAT 4708
       ||||| |||||
Db      19 GGTCGATGACCGATGAT 3

RESULT 2071
US-08-850-993--7
Sequence 7, Application US/08850993
Patent No. 5955277
GENERAL INFORMATION:
APPLICANT: Hansen, Torben
APPLICANT: Andersen, Carsten
APPLICANT: Pedersen, Oluf B.
TITLE OF INVENTION: Mutant CDNA Encoding The p58alpha
TITLE OF INVENTION: Subunit Of Phosphatidylinositol 3-Kinase
FILE REFERENCE: 4802.200-US
CURRENT APPLICATION NUMBER: US/08/850,993
CURRENT FILING DATE: 1997-05-05
EARLIER APPLICATION NUMBER: 0539/96
EARLIER FILING DATE: 1996-05-06
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-08-850-993--7

Query Match          0.2% Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2,1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3812 GCTGCTGAGATGACAGC 3828
       ||||| |||||
Db      4 GCTGCTGAGATGACAGC 20

RESULT 2072
US-08-997-080-38/c
Sequence 38, Application US/08997080
Patent No. 5968524
GENERAL INFORMATION:
APPLICANT: WATSON, JAMES D.
APPLICANT: TAN, PAUL L.U.
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA

```

ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,080
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1007
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-08-997-080-38

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 857 TTGATGTCAGCCACT 873
Db 17 TTGATGTCAGCCGCT 1

RESULT 2073
US-08-910-408-188
Sequence 188, Application US/08910408
Patent No. 5972704
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James MCSwigen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,408
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,880
FILING DATE: July 7, 1994

APPLICATION NUMBER: 08/103,243
FILING DATE: August 5, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 188:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-910-408-188

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 20;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1550 TCAAGTCGGGCATC 1566
Db 1 UCACAGUCUGGCGAUC 17

RESULT 2074
US-08-997-362-38/C
Sequence 38, Application US/08997362
Patent No. 5985287
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Hiyyama, Jun
APPLICANT: Wieser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Scott, Linda
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,362
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970
FILING DATE: June 12, 1997
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347
FILING DATE: August 29, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-08-997-362-38

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 857 TTGATGCTCAGCCACT 873
Db 17 TTGATGCTCAGCCGCT 1

RESULT 2075

US-08-962-284-12/c
Sequence 12, Application US/08962284
Patent No. 5985608
GENERAL INFORMATION:
APPLICANT: Luna, Elizabeth J.
APPLICANT: Pestonjans, Kersi N.
APPLICANT: Pope, Robert K.
APPLICANT: Wulfschlegel, Julia D.
TITLE OF INVENTION: ACTIN-BINDING POLYPEPTIDES
TITLE OF INVENTION: AND NUCLEIC ACIDS ENCODING THE SAME
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/962,284
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, Peter J.
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 07917/058001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: Other
LOCATION: 3...3
OTHER INFORMATION: where N at position 3 is inosine
NAME/KEY: Other
LOCATION: 6...6
OTHER INFORMATION: where N at position 6 is inosine
NAME/KEY: Other
LOCATION: 12...12
OTHER INFORMATION: where N at position 12 is inosine
US-08-962-284-12
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 60.0%; Pred. No. 2.1e+03;

Matches 12; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

Qy 2153 TCTCATCCATTTCTACAAG 2172
Db 20 TCTCTCTCAATTCACACGG 1

RESULT 2076

US-08-874-186-20
Sequence 20, Application US/08874186
Patent No. 5989885
GENERAL INFORMATION:
APPLICANT: Teng, David H-F.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Perry, IIR, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
TITLE OF INVENTION: 4 (MK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/874,186
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,482
FILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-121392-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer for STS."
US-08-874-186-20
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2821 AAGCTTCCAGCCCA 2837
Db 1 AAGCTTCCAAACCTCA 17

RESULT 2077
US-08-873-970-38/c
Sequence 38, Application US/08873970
Patent No. 6001361
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Hiyama, Jun
APPLICANT: Vlesser, Elizabeth

```

; APPLICANT: Skinner, Margot
; APPLICANT: Scott, Linda
; APPLICANT: Prestidge, Rose
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MYCOBACTERIAL INFECTIONS
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,970
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/705,347
; FILING DATE: 29-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-08-873-970-38

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      857 TTGATGTCGAGCCACT 873
DB      17 TTGATGTCGAGCCGCT 1

RESULT 2078
US-08-974-180-5
; Sequence 5, Application US/08974180
; Patent No. 6025194
; GENERAL INFORMATION:
; APPLICANT: Funk, Walter
; TITLE OF INVENTION: Methods for Modulating and Identifying
; TITLE OF INVENTION: Cellular Senescence
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Geron Corporation
; STREET: 230 Constitution Drive
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/974,180
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaster, Kevin R.
; REGISTRATION NUMBER: 32,704
; REFERENCE/DOCKET NUMBER: 206
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 473-7779
; TELEFAX: (650) 473-8654
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: /note="primer KJC48"
; US-08-974-180-5

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3601 TTGTACTTCTTTGGG 3617
DB      1 TTGATCTTGTGGG 17

RESULT 2079
US-08-911-894-75/C
; Sequence 75, Application US/08911894
; Patent No. 6030830
; GENERAL INFORMATION:
; APPLICANT: Saxon, Andrew
; APPLICANT: Zhang, Ke
; TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPLICED TRANSCRIPTS
; TITLE OF INVENTION: AND USES THEREOF
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Aktin, Gump, Strauss, Hauer & Feld
; STREET: 816 Congress Avenue, Suite 1900
; CITY: Austin
; STATE: Texas
; COUNTRY: USA
; ZIP: 78701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911,894
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/023,579
; FILING DATE: 19-AUG-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: 43496.0006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 499-6200
; TELEFAX: (512) 499-6290
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-911-894-75

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5017 GGGCTCTGGAGAGGC 5033
|||||
Db 17 GGGCTCTGTGTGGAGGC 1

RESULT 2080
US-08-755-587-195
Sequence 195, Application US/08755587
Patent No. 6045997
GENERAL INFORMATION:
APPLICANT: Futreal, Phillip A
APPLICANT: Wooster, Richard F
APPLICANT: Asmworth, Alan
TITLE OF INVENTION: Materials and methods relating to the
TITLE OF INVENTION: Identification and sequencing of the BRCA2 cancer
TITLE OF INVENTION: susceptibility gene and uses thereof.
NUMBER OF SEQUENCES: 222
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell Seitzer Park & Gibson
STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
CITY: Raleigh
STATE: NC
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,587
FILING DATE: 25-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9523959.6
FILING DATE: 23-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9525555.0
FILING DATE: 14-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9617961.9
FILING DATE: 28-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kenneth D Sibley
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405-135
INFORMATION FOR SEQ ID NO: 195:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-755-587-195

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5427 AGAATACAGCTTGGG 5443
|||||
Db 4 AGAATACAGCTTCTGG 20

RESULT 2081
US-09-357-070-23

Sequence 23, Application US/09357070
Patent No. 6046049
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
FILE REFERENCE: RTS-0076
CURRENT APPLICATION NUMBER: US/09/357,070
CURRENT FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-23

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 728 AACCCCTGTGGCGGC 744
|||||
Db 1 AACCCCTGTGGCGAGC 17

RESULT 2082
US-08-779-916A-105
Sequence 105, Application US/08779916A
Patent No. 6063567
GENERAL INFORMATION:
APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/779,916A
FILING DATE: 07-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08-271,942
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA

;; HYPOTHETICAL: no
;; ANTI-SENSE: no
;; FRAGMENT TYPE: internal
;; ORIGINAL SOURCE:
;; ORGANISM: human
;; FEATURE:
;; NAME/KEY: primer for exon 20 of human Rb1 gene
US-08-779-916A-105

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2886 GTAGGAGAGAGTGTAGG 2902
DB 2 GTAGGAGAGAGAGAGG 18

RESULT 2083
US-09-106-217-3
; Sequence 3, Application US/09106217
; Patent No. 6063576
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Olson, Timothy M.
; TITLE OF INVENTION: Actin Mutations in Dilated
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Flg9, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N.W., Suite 701 East
; CITY: Washington
; STATE: DC
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,217
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Stephen A.
; REGISTRATION NUMBER: 38,609
; REFERENCE/DOCKET NUMBER: 2323-125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-106-217-3

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2833 CCCGAGAGCTGTGCCA 2849
DB 1 CCCCTGAAGCTGTGCCA 17

RESULT 2084
US-09-166-186-58/C
; Sequence 58, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-58

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1502 AGGCTGTCTGGACATG 1518
DB 20 AGATGTCTGGACATG 4

RESULT 2085
US-09-166-186-196
; Sequence 196, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 196
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-196

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4025 AGAGAGAAAACAAATG 4041
DB 3 AGAGAGAAAAGAAAAG 19

RESULT 2086
US-09-166-186-196/C
; Sequence 196, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
; FILE REFERENCE: ISPH-0322

```
/ CURRENT APPLICATION NUMBER: US/09/166,186A
/ CURRENT FILING DATE: 1998-10-05
/ NUMBER OF SEQ ID NOS: 250
/ SEQ ID NO 196
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-09-166-186-196

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5708 CTTTCTCTCTCTCTCT 5724
DB      19 CTTTCTCTCTCTCTCT 3

RESULT 2087
US-08-988-706-43/C
/ Sequence 43, Application US/08988706
/ Patent No. 6083698
/ GENERAL INFORMATION:
/ APPLICANT: OLSEN, Sheri J.
/ APPLICANT: ANGELLY, Tracy S.
/ APPLICANT: LAWRENCE, Tammy
/ APPLICANT: LESCALLETT, Jennifer L.
/ APPLICANT: MORPHY, Patricia D.
/ APPLICANT: ALLEN, Antoinette P.
/ APPLICANT: THRUBER, Denise B.
/ APPLICANT: WHITE, Marga B.
/ APPLICANT: ZENG, Bin
/ APPLICANT: SADZEWICZ, Lisa K.
/ TITLE OF INVENTION: CANCER SUSCEPTIBILITY MUTATIONS OF BRCA1
/ NUMBER OF SEQUENCES: 55
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Oncomed, Inc.
/ STREET: 205 Perry Parkway
/ CITY: Gaithersburg
/ STATE: MD
/ COUNTRY: USA
/ ZIP: 20877
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/988,706
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: TARCAZ, John E.
/ REGISTRATION NUMBER: 33,638
/ REFERENCE/DOCKET NUMBER: PA-0108
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 301-208-1888
/ TELEFAX: 301-926-6125
/ INFORMATION FOR SEQ ID NO: 43:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "PRIMER"
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE: internal
/ ORIGINAL SOURCE:
/ ORGANISM: HOMO SAPIENS
```

```
/ STRAIN: BRCA1
US-08-988-706-43

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4025 AGAGAGAAAACAAATG 4041
DB      17 AGTGAGAAACAAATG 1

RESULT 2088
US-09-344-914-70/C
/ Sequence 70, Application US/09344914
/ Patent No. 6110664
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
/ FILE REFERENCE: RTS-0068
/ CURRENT APPLICATION NUMBER: US/09/344,914
/ CURRENT FILING DATE: 1999-06-25
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 70
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-70

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAGA 4027
DB      17 TAAATGAAATTAAGA 1

RESULT 2089
US-09-344-914-71/C
/ Sequence 71, Application US/09344914
/ Patent No. 6110664
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
/ FILE REFERENCE: RTS-0068
/ CURRENT APPLICATION NUMBER: US/09/344,914
/ CURRENT FILING DATE: 1999-06-25
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 71
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-71

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAGA 4027
DB      18 TAAATGAAATTAAGA 2

RESULT 2090
US-09-418-641-80/C
/ Sequence 80, Application US/09418641A
/ Patent No. 612413
/ GENERAL INFORMATION:
```

```

; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-80

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7414 AGCAGCAGCAGCAGCAG 7430
Db 18 AGTAGCAGCAGCAGCAGG 2

RESULT 2091
US-09-392-350-46
; Sequence 46, Application US/09392350
; Patent No. 6133032
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 BETA EXPRESSION
; FILE REFERENCE: RTS-0075
; CURRENT APPLICATION NUMBER: US/09/392,350
; CURRENT FILING DATE: 1999-09-08
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-392-350-46

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5068 GCCCTAAGAGAGTGATG 5084
Db 3 GCCCAAGAGAGTGATG 19

RESULT 2092
US-09-428-584-18
; Sequence 18, Application US/09428584
; Patent No. 6136604
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2 EXPRESSION
; FILE REFERENCE: RTS-0114
; CURRENT APPLICATION NUMBER: US/09/428,584
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-584-18
```

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Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5704 CTTCTTTTCTCTCTCT 5720
Db 3 CTTCTTTTCTCTCTCT 19

RESULT 2093
US-09-054-298-5
; Sequence 5, Application US/09054298
; Patent No. 6136953
; GENERAL INFORMATION:
; APPLICANT: Lee, Wu-En
; APPLICANT: Haber, Edgar
; APPLICANT: Jain, Mukesh
; APPLICANT: Yet, Shaw-Fang
; TITLE OF INVENTION: SMOOTH MUSCLE CELL LIM PROTEIN
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,298
; FILING DATE: 02-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/616,368
; FILING DATE: 15-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Beattie, Ph.D., Ingrid A.
; REGISTRATION NUMBER: P-42,306
; REFERENCE/DOCKET NUMBER: 05433/022002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-054-298-5

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1574 TCGCACCCCAAAACAG 1590
Db 4 TCCCAACCCCAAAATAG 20

RESULT 2094
US-09-286-904-33
; Sequence 33, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
```

```

; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
; US-09-286-904-33

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7125 TCCTGTGCACACAGTC 7141
Db      2 TCCTGAGCTCAGAGTC 18

RESULT 2095
US-09-249-215-188
; Sequence 188, Application US/09249215
; Patent No. 6159692
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; Bharat Chowrira
; James McSwigen
; Dan T. Stinchcomb
; James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; HUMAN IMMUNODEFICIENCY VIRUS
; REPLICATION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/249,215
; FILING DATE: 12-Feb-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/910,408
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; 
```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 188:
US-09-249-215-188

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 64.7%; Pred. No. 2.1e+03;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      1550 TCAAGCTGGGCGCATC 1566
Db      1 UCACAGUCUGGCGCAUC 17

RESULT 2096
US-09-095-855-38/c
; Sequence 38, Application US/09095855
; Patent No. 616093
; GENERAL INFORMATION:
; APPLICANT: Tan, Paul
; APPLICANT: Visser, Elizabeth
; APPLICANT: Skinner, Margot
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Compounds and Methods for
; TITILE OF INVENTION: Treatment and Diagnosis of Mycobacterial Infections
; NUMBER OF SEQUENCES: 208
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/095,855
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/705,347
; FILING DATE: 28-AUG-1996
; APPLICATION NUMBER: 08/873,970
; FILING DATE: 12-JUN-1997
; APPLICATION NUMBER: 08/997,362
; FILING DATE: 23-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-09-095-855-38

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      857 TTGATGTCAGCCACT 873
; 
```

```
Db      17 TTGATGTCCAGCCGCT 1

RESULT 2097
US-09-444-053-70
; Sequence 70, Application US/09444053A
; Patent No. 6165728
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-70

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      5680 GTTCCCTTTGTACCACT 5696
Db      4 GTTCCCGTAGTACCACT 20

RESULT 2098
US-09-433-699-44
; Sequence 44, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-44

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      5704 CTTCTCTTCTCTCTCT 5720
Db      2 CTTCTCTCTCTCTCTCT 18

RESULT 2099
US-09-433-699-62/c
; Sequence 62, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-62

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      66 CTGCGGGGGGGGGGGG 82
Db      18 CAGCAGAGATGGGAAA 2

RESULT 2100
US-09-433-694-25
; Sequence 25, Application US/09433694
; Patent No. 6165790
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P55 GAMMA EXPRESSION
; FILE REFERENCE: RTS-0098
; CURRENT APPLICATION NUMBER: US/09/433,694
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-694-25

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      1963 GTTTTCACAGCCAGT 1979
Db      1 GTTTCCACGCCAGT 17

RESULT 2101
US-09-513-729B-15
; Sequence 15, Application US/09513729B
; Patent No. 6165791
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729B
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-15

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Db 1 CTCGAGCGGCGCGCG 17

RESULT 2102
US-09-513-729B-87
; Sequence 87, Application US/09513729B
; Patent No. 6165791
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729B
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-87

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2386 AGTGTACATCCGACG 2402
Db 4 AGTGTACATCCGACG 20

RESULT 2103
US-09-428-219-32/c
; Sequence 32, Application US/09428219
; Patent No. 6177273
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
; FILE REFERENCE: RTS-0101
; CURRENT APPLICATION NUMBER: US/09/428,219
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-219-32

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 638 ATGAGGCGCTGTCAGC 654
Db 18 ATGAGGCGCTGTCAGC 2

RESULT 2104
US-09-490-692-121
; Sequence 121, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176

; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-121

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 265 CACGAGCTGTCAGGC 281
Db 4 CACGAGCTGTCAGGC 20

RESULT 2105
US-09-490-692-121/c
; Sequence 121, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-121

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 230 CGGAGCAGCTGCGGC 246
Db 18 CTGAGCAGCTGCTGAC 2

RESULT 2106
US-09-488-671-140/c
; Sequence 140, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-140

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3839 TTCACTTATGCTCCT 3855

Db 20 TTGCATTATGCTCTCT 4

RESULT 2107
US-09-306-876A-5/c
; Sequence 5, Application US/09306876A
; Patent No. 6187585
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Lipton, Allan
; APPLICANT: Wilters, Lois M
; TITLE OF INVENTION: Oligonucleotide Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Receptor Expression
; FILE REFERENCE: IS153509
; CURRENT APPLICATION NUMBER: US/09/306, 876A
; CURRENT FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 08/832,658
; PRIOR FILING DATE: 1997-04-04
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6187585el
US-09-306-876A-5

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 22 CGCAGTGGAGCTGCTG 38
Db 20 CCCAATGGAGCTGCTG 4

RESULT 2108
US-09-306-876A-6/c
; Sequence 6, Application US/09306876A
; Patent No. 6187585
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Lipton, Allan
; APPLICANT: Wilters, Lois M
; TITLE OF INVENTION: Oligonucleotide Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Receptor Expression
; FILE REFERENCE: IS153509
; CURRENT APPLICATION NUMBER: US/09/306, 876A
; CURRENT FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 08/832,658
; PRIOR FILING DATE: 1997-04-04
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Oligonucleotide
; OTHER INFORMATION: Description of Artificial Sequence: No. 6187585el
; OTHER INFORMATION: Sequence
US-09-306-876A-6

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 22 CGCAGTGGAGCTGCTG 38
Db 20 CCCAATGGAGCTGCTG 4

Db 20 CCCAATGGAGCTGCTG 4

RESULT 2109
US-09-517-584A-57
; Sequence 57, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517, 584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-57

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3459 CCCTGACAGACATCCAG 3475
Db 4 CCCTGTCAGAAATCCAG 20

RESULT 2110
US-09-290-640-77/c
; Sequence 77, Application US/09290640
; Patent No. 6204055
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcanson, Eric G.
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0351
; CURRENT APPLICATION NUMBER: US/09/290, 640
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-290-640-77

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2085 TGCTACTGTGCGGTAC 2101
Db 18 TGCTCTGTGCTGTGCTAC 2

RESULT 2111
US-09-175-828-56
; Sequence 56, Application US/09175828
; Patent No. 6221643
; GENERAL INFORMATION:
; APPLICANT: NATHAN A. ELLIS, JAMES GERMAN, AND JOANNA
; APPLICANT: GRODEN
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT
; TITLE OF INVENTION: OF BLOOM'S SYNDROME
; NUMBER OF SEQUENCES: 78

```

CORRESPONDENCE ADDRESS:
ADDRESSER: AMSTER, ROTHSTEIN & EBENSTEIN
STREET: 90 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH 1.44 MB STORAGE DISKETTE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/175,828
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/559,303
FILING DATE: NOVEMBER 15, 1995
ATTORNEY/AGENT INFORMATION:
NAME: ELIZABETH A. BOGOSTIN
REGISTRATION NUMBER: 39,911
REFERENCE/DOCKET NUMBER: 63475/65
TELEPHONE: (212) 286-0854 or 286-5995
TELEFAX: (212) 286-0854 or 286-0082
TELEX: TWX 710-581-4766
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: OTHER NUCLEIC ACID
DESCRIPTION: YES
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-09-175-828-56

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7403 CAAGCAACATCAGCAGC 7419
DB      3 CAAGCGACATCAGAGAGC 19

RESULT 2112
US-09-313-932-58/c
Sequence 58, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 58
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
```

```

US-09-313-932-58
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1502 AGGATGCTCGGACATG 1518
DB      20 AGATGCTCGGACATG 4

RESULT 2113
US-09-313-932-196
Sequence 196, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 196
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-196

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4025 AGAGAGAAACAAATG 4041
DB      3 AGAGAGAAAGAAAAG 19

RESULT 2114
US-09-313-932-196/c
Sequence 196, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 196
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-196

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5708 CTTTCTCTCTCTCT 5724
DB      19 CTTTCTCTCTCTCT 3
```


RESULT 2115
US-09-313-932-363/c
; Sequence 363, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 363
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-363

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1368 CTACACTTAGATCCCT 1384
DB 19 CTACAGCTTGTATCCCT 3

RESULT 2116
US-09-313-932-477/c
; Sequence 477, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 477
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-477

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4220 CCTTCCTCTGCGAGAT 4236
DB 17 CCTTCCTCTCTCCAGAT 1

RESULT 2117
US-08-928-213B-41/c
; Sequence 41, Application US/08928213B
; Patent No. 6238505
; GENERAL INFORMATION:
; APPLICANT: McHenry, Charles S.
; APPLICANT: Seville, Mark

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1842 GTGTGCGAGTGAAGA 1858
DB 19 GGGTGTCTGTGTAAGA 3

RESULT 2118
US-09-021-701-667/c
; Sequence 667, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstary, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: ENZYCO-02550
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-705-8410
TELEFAX: 415-397-8338

INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-08-928-213B-41

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1842 GTGTGCGAGTGAAGA 1858
DB 19 GGGTGTCTGTGTAAGA 3

RESULT 2118
US-09-021-701-667/c
; Sequence 667, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstary, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 667:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-667

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6168 GACATTAAGGAAAAAGA 6184
DB 20 GCCATTAAGGAAAAAGA 4

RESULT 2119
US-09-021-701-668/c
Sequence 668, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 668:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA

HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-668

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6168 GACATTAAGGAAAAAGA 6184
DB 19 GCCATTAAGGAAAAAGA 3

RESULT 2120
US-09-021-701-1052/c
Sequence 1052, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 1052:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-1052

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5446 ATGACAGAAATGAGTT 5462
DB 20 ATGACAGAAATGAGTT 4

RESULT 2121
US-09-021-701-1053/c
Sequence 1053, Application US/09021701
Patent No. 6251588

GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
INFORMATION FOR SEQ ID NO: 1053:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-1053

Query Match 0.24; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.24; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5446 ATGACAGAAATGAGTT 5462
DB 19 ATTGAGAAATGAGTT 3

RESULT 2122
US-09-021-701-1054/C
Sequence 1054, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
INFORMATION FOR SEQ ID NO: 1054:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-1054

Query Match 0.24; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.24; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5446 ATGACAGAAATGAGTT 5462
DB 18 ATTGAGAAATGAGTT 2

RESULT 2123
US-09-021-701-1055/C
Sequence 1055, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
INFORMATION FOR SEQ ID NO: 1055:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-1055

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5446 ATGACAAGAAATGAGTT 5462
DB 17 ATTGAGAAATATGATT 1

RESULT 2124
US-08-818-655-5
Sequence 5, Application US/08818655
Patent No. 6258557
GENERAL INFORMATION:

APPLICANT: Lee, Wu-Eu
APPLICANT: Haber, Edgar
APPLICANT: Jain, Mukesh
APPLICANT: Yel, Shaw-Pang
TITLE OF INVENTION: SMOOTH MUSCLE CELL LIM PROTEIN
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/818,655
FILING DATE: 14-MAR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/616,368
FILING DATE: 15-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 05433/030001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-818-655-5

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1574 TCGACCCCAAAAACAG 1590
DB 4 TCCACCCCAAAAATAG 20

RESULT 2125
US-09-657-481A-27
Sequence 27, Application US/09657481A
Patent No. 6258601
GENERAL INFORMATION:
APPLICANT: Bretz P. Monia
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE WWP1 AND WW
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0087
CURRENT APPLICATION NUMBER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-27

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5307 AAGTTGTTCTCTCC 5323
DB 1 AAGCTTGCTCTCTCC 17

RESULT 2126
US-09-428-583-89
Sequence 89, Application US/09428583
Patent No. 6271029
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSOLIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 89
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-89

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 738 GGAGCGCTCTCTCTCT 754
DB 4 GGAGCGCTCTCTCTCT 20

RESULT 2127
US-09-593-711A-37
Sequence 37, Application US/09593711A
Patent No. 6271030
GENERAL INFORMATION:
APPLICANT: Bretz P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
FILE REFERENCE: RTS-0118
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 37

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-37

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 64 GGCTGGCGGCGGCGG 80
DB 4 GGCGCGGCGGCGGCGG 20

RESULT 2128
US-08-705-347A-38/C
Sequence 38, Application US/08705347A
Patent No. 6284255
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Miyama, Jun
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Scott, Linda
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spectran Picard PLC
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/705.347A
FILING DATE: 28-AUG-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206.269.0565
TELEFAX: 206.269.0563
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
US-08-705-347A-38

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 857 TTGATGTCAGCCACT 873
DB 17 TTGATGTCAGCCACT 1

RESULT 2129
US-09-284-832-20
Sequence 20, Application US/09284832

Patent No. 6287770
GENERAL INFORMATION:
APPLICANT: WESTON, Anthony
APPLICANT: ASSENBURG, Rene
APPLICANT: MARSH, Peter
APPLICANT: MOCK, Graham Andrew
APPLICANT: RAY, Trevor Duncan
APPLICANT: WHARM, Susan Deborah
APPLICANT: CARDY, Donald Leonard Nicholas
TITLE OF INVENTION: IMPROVEMENTS IN OR RELATING TO NUCLEIC ACID PROMOTERS
FILE REFERENCE: 41301/258923
CURRENT APPLICATION NUMBER: US/09/284.832
CURRENT FILING DATE: 1999-04-16
EARLIER APPLICATION NUMBER: GB 9801627.2
EARLIER FILING DATE: 1998-01-27
EARLIER APPLICATION NUMBER: GB 9814697.0
EARLIER FILING DATE: 1998-07-08
EARLIER APPLICATION NUMBER: PCT/GB99/00265
EARLIER FILING DATE: 1999-01-26
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Synthetic Oligonucleotide Probe
US-09-284-832-20

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3848 TGCCTCTTTCTTCCTT 3864
DB 1 TGCCTCTTTCTTCCTT 17

RESULT 2130
US-09-484-617-24
Sequence 24, Application US/09484617
Patent No. 6303374
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
CURRENT APPLICATION NUMBER: US/09/484.617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-24

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7069 TGTGAATGACTGACT 7085
DB 4 TTTTGAATGACTGACT 20

RESULT 2131
US-09-484-617-139/C
Sequence 139, Application US/09484617
Patent No. 6303374
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION

```
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-139
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2606 CAGCACCCTGCTACTAT 2622
DB      18 CAGCACCCTGCTACTAT 2
```

```
RESULT 2132
US-09-536-094-11
; Sequence 11, Application US/09536094
; Patent No. 6303845
; GENERAL INFORMATION:
; APPLICANT: Shen, Che-Kun James
; TITLE OF INVENTION: HS-40 ENHANCER-CONTAINING VECTOR
; FILE REFERENCE: 08919/016001
; CURRENT APPLICATION NUMBER: US/09/536,094
; CURRENT FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 09/205,015
; PRIOR FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-536-094-11
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1351 CTGATGAAGAATGCCAG 1367
DB      1 CTGATGAAGAATGAGAG 17
```

```
RESULT 2133
US-09-336-447A-70/c
; Sequence 70, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: ABEI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USPA1 AND USPA2 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY-024
; CURRENT APPLICATION NUMBER: US/09/336,447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-336-447A-70
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      647 TGTGACGGCCGAGTC 663
DB      20 TTGTAAGCGCCGAGATC 4
```

```
RESULT 2134
US-09-336-447A-71
; Sequence 71, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: ABEI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USPA1 AND USPA2 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY-024
; CURRENT APPLICATION NUMBER: US/09/336,447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-336-447A-71
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      647 TGTGACGGCCGAGTC 663
DB      1 TTGTAAGCGCCGAGATC 17
```

```
RESULT 2135
US-09-324-542-38/c
; Sequence 38, Application US/09324542
; Patent No. 6328978
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; FILE REFERENCE: 11000.1007c1
; CURRENT APPLICATION NUMBER: US/09/324,542
; CURRENT FILING DATE: 1999-06-02
; EARLIER APPLICATION NUMBER: US 08/997,080
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe made in a lab
US-09-324-542-38
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      857 TTGATGCTCAGCCACT 873
DB      17 TTGATGCTCCAGCCGCT 1
```

RESULT 2136
US-07-711-303-6
Sequence 6, Application US/07711303
Patent No. 6337182
GENERAL INFORMATION:
APPLICANT: Cenniti, Peter A.
APPLICANT: Felley-Bosco, Emanuela
APPLICANT: Sandy, Martha
APPLICANT: Amstad, Paul
APPLICANT: Zijlstra, Jacob
APPLICANT: Pourzand, Charareh
TITLE OF INVENTION: Method for the Quantitative
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
STREET: 1300 I Street, N.W. Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/711,303
FILING DATE: 19910606
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 90110907.4
FILING DATE: 08-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Lavin Jr., Lawrence M.
REGISTRATION NUMBER: 30,768
REFERENCE/DOCKET NUMBER: 2481-1081
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-711-303-6
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1277 CCGACAACGAGACTCG 1293
Db 4 CCGACAACGAGACTCG 20

RESULT 2137
US-07-711-303-13
Sequence 13, Application US/07711303
Patent No. 6337182
GENERAL INFORMATION:
APPLICANT: Cenniti, Peter A.
APPLICANT: Felley-Bosco, Emanuela
APPLICANT: Sandy, Martha
APPLICANT: Amstad, Paul
APPLICANT: Zijlstra, Jacob
APPLICANT: Pourzand, Charareh
TITLE OF INVENTION: Method for the Quantitative

TITLE OF INVENTION: Determination of DNA Sequences
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
STREET: 1300 I Street, N.W. Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/711,303
FILING DATE: 19910606
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 90110907.4
FILING DATE: 08-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Lavin Jr., Lawrence M.
REGISTRATION NUMBER: 30,768
REFERENCE/DOCKET NUMBER: 2481-1081
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-711-303-13
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1277 CCGACAACGAGACTCG 1293
Db 4 CCGACAACGAGACTCG 20

RESULT 2138
US-09-434-131A-8/C
Sequence 8, Application US/09434131A
Patent No. 6344345
GENERAL INFORMATION:
APPLICANT: HAYASHIZAKI, Yoshinide
TITLE OF INVENTION: METHOD FOR PRODUCING DOUBLE-STRANDED DNA WHOSE TERMINAL
TITLE OF INVENTION: HOMOPOLYMER PART IS ELIMINATED AND METHOD FOR
FILE REFERENCE: 024705-093
CURRENT APPLICATION NUMBER: US/09/434,131A
PRIOR FILING DATE: 1999-11-05
PRIOR APPLICATION NUMBER: JP 316102/1998
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:hemimethylated
US-09-434-131A-8
Query Match 0.2%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TCGACCTTTTCTTTT 4475

Db 17 TCGAGCTTTTCTTTT 1

RESULT 2139

US-09-043-149-17
; Sequence 17, Application US/09043149
; Patent No. 6355418
; GENERAL INFORMATION:
; APPLICANT: Schmidt, Gunter
; TITLE OF INVENTION: Chimeric Oligonucleotides and Uses Thereof in the
; FILE REFERENCE: 020600-272
; CURRENT APPLICATION NUMBER: US/09/043,149
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: PCT/GB96/02275
; PRIOR FILING DATE: 1996-09-13
; PRIOR APPLICATION NUMBER: GB 9518864.5
; PRIOR FILING DATE: 1995-09-14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: primer
US-09-043-149-17

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1368 CTACACTTAGATCCCT 1384

Db 3 CTACAGCTTAGATCCCT 19

RESULT 2140

US-09-716-161A-38/c
; Sequence 38, Application US/09716161A
; Patent No. 6355482
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN BETA 4 BINDING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0176
; CURRENT APPLICATION NUMBER: US/09/716,161A
; CURRENT FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-716-161A-38

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5435 AGCTTTGGCAATGACA 5451

Db 20 AGCTTTGGCAATGACA 4

RESULT 2141

US-09-561-497-43

; Sequence 43, Application US/09561497

; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-43

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 105 GAGCCGAGCCGCGCCG 121

Db 4 GAGCGAGCCGCGACCG 20

RESULT 2142

US-09-561-497-66/c
; Sequence 66, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-66

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2535 AGATGAGCTCCAGATCC 2551

Db 17 AGTGATGATCCAGATCC 1

RESULT 2143

US-09-659-791A-41/c
; Sequence 41, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA


```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-41

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4502 TGCTGCTTCGACGAC 4518
DB 20 TGGATGTCATGACGAC 4

RESULT 2144
US-09-308-759A-30
; Sequence 30, Application US/09308759A
; Patent No. 6391593
; GENERAL INFORMATION:
; APPLICANT: Weston, Anthony
; Assenberg, Rene
; Marsh, Peter
; Mock, Graham A.
; Ray, Trevor D.
; Wharam, Susan D.
; Cady, Donald L.N.
; TITLE OF INVENTION: Modified Nucleic Acid Probes and Uses Thereof
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESS: PILLSBURY WINTHROP LLP
; STREET: 1600 TYSONS BOULEVARD
; CITY: McLean
; STATE: VA
; COUNTRY: USA
; ZIP: 22102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/308,759A
; FILING DATE: 19-Jul-1999
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-09-308-759A-30

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3848 TGCTCTCTTTTCCTT 3864
DB 1 TGCTCTCTGCTCGT 17

RESULT 2145
US-09-851-520-55/C
; Sequence 55, Application US/09851520
; Patent No. 6399379
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P35 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0241
; CURRENT APPLICATION NUMBER: US/09/851,520
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 88
```

```
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-520-55

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2842 CTGTGCCACCAATCC 2858
DB 17 CTGTGCCCAAAATCC 1

RESULT 2146
US-09-205-426-38/C
; Sequence 38, Application US/09205426
; Patent No. 6406704
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L. J.
; TITLE OF INVENTION: Compounds and Methods for Treatment and
; FILE REFERENCE: 11000.1002c4
; CURRENT APPLICATION NUMBER: US/09/205,426
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: 09/095,855
; EARLIER FILING DATE: 1998-06-11
; EARLIER APPLICATION NUMBER: 08/997,362
; EARLIER FILING DATE: 1997-12-23
; EARLIER APPLICATION NUMBER: 08/873,970
; EARLIER FILING DATE: 1997-06-12
; EARLIER APPLICATION NUMBER: 08/705,347
; EARLIER FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe made in a lab
US-09-205-426-38

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 857 TTGATGTCAGCCACT 873
DB 17 TTGATGCCAGCCGCT 1

RESULT 2147
US-09-844-634-20
; Sequence 20, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRES-
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-20

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      36 CTCGACGCTCCGCGCG 52
DB      2 CTCGACGCTCCGCTGCG 18

RESULT 2148
US-09-851-896-33/C
; Sequence 33, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-33

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      648 GGTACGCGCGCCAGATCC 664
DB      20 GGACGACGCGCCAGATCC 4

RESULT 2149
US-09-254-465A-17
; Sequence 17, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Bong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT OF DISORDERS CHARACTERIZED BY A33-RELATED ANTIGENS
; FILE REFERENCE: P1216R1 (US)
; CURRENT APPLICATION NUMBER: US/09/254,465A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-254-465A-17

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2040 CACGACAGTGTAGGCA 2056
DB      2 CTCGACAGTGTAGGAA 18

RESULT 2150
US-09-200-643-38/C
; Sequence 38, Application US/09200643
; Patent No. 6410720
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L. J.
; TITLE OF INVENTION: Compounds and Methods for Treatment and
; TITLE OF INVENTION: Diagnosis of Mycobacterial Infections
; FILE REFERENCE: 11000.1002CON
; CURRENT APPLICATION NUMBER: US/09/200,643
; CURRENT FILING DATE: 1998-11-05
; EARLIER APPLICATION NUMBER: 08/705,347
; EARLIER FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe made in a lab
US-09-200-643-38

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      857 TTGATGTCACGCACT 873
DB      17 TTGATGCCACCGCT 1

RESULT 2151
US-09-689-291A-12/C
; Sequence 12, Application US/09689291A
; Patent No. 6420119
; GENERAL INFORMATION:
; APPLICANT: Polan, Mary Lake
; APPLICANT: Chen, Bertha H.
; TITLE OF INVENTION: Methods of diagnosing and treating urinary
; TITLE OF INVENTION: Incontinence Relating to Collagen Proteolysis
; TITLE OF INVENTION: In Pelvic Supporting Tissue (as amended)
; FILE REFERENCE: 9900.1001U
; CURRENT APPLICATION NUMBER: US/09/689,291A
; CURRENT FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-689-291A-12

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      2463 CCAGCAGGATCCAGG 2479
Db      18 CCAGCAGGATCCAGG 2

RESULT 2152
US-08-744-481A-42/C
; Sequence 42, Application US/08744481A
; Patent No. 6428955
; GENERAL INFORMATION:
; APPLICANT: K Beer, Hubert
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELLER EHRMAN WHITE & MCAULIFFE
; STREET: 4250 Executive Square, Suite 700
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,481A
; FILING DATE: No. 6428955ember 6, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: March 18, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L.
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)450-8400
; TELEFAX: (617)587-5360
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-744-481A-42

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      103 GGGAGCCGAGCCGCC 119
Db      18 GGGAGCCGAGCCGCC 2

RESULT 2153
US-09-661-753-2
; Sequence 2, Application US/09661753
; Patent No. 6436909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 2

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-2

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      5005 GAACAGATGAGGCGCT 5021
Db      20 GAACAGATGAGGCGCT 4

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-65

RESULT 2154
US-09-907-843-62
; Sequence 62, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-62

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      2797 GCTGTTACTCTACTGGA 2813
Db      3 GCTGTTCTGACTGGA 19

RESULT 2155
US-09-907-843-65/C
; Sequence 65, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-65

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
RESULT 2156
US-09-676-610B-4/c
; Sequence 4, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-4

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      22  CCGAGTGGGAGCTGCTG 38
Db      20  CCCAATGGGAGCTGCTG 4

RESULT 2157
US-09-640-101-33
; Sequence 33, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/640,101
; CURRENT FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-640-101-33

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7125 TCCTGTGACAGCTCC 7141
Db      2   TCCTGTGAGCTCAGCTCC 18

RESULT 2158
US-09-517-467B-241
; Sequence 241, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowbert
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-241

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7262 TGTCTGTGGATGCCGAC 7278
Db      4   TGGCTGAGATCCAC 20

RESULT 2159
US-09-300-008B-26
; Sequence 26, Application US/09300008B
; Patent No. 6458334
; GENERAL INFORMATION:
; APPLICANT: Concannon et al.
; TITLE OF INVENTION: A GENE ASSOCIATED WITH NUMEGEN BREAKAGE
; TITLE OF INVENTION: SYNDROME, ITS GENE PRODUCT AND METHODS FOR THEIR USE
; FILE REFERENCE: 9924-0003-228
; CURRENT APPLICATION NUMBER: US/09/300,008B
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: US 60/083,269
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-300-008B-26

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3814 TGTGTGATGACAGGCC 3830
Db      4   TGATGATGACAGCTCC 20

RESULT 2160
US-09-657-453A-67/c
; Sequence 67, Application US/09657453A
; Patent No. 6458591
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 2 EXPRESSION
; FILE REFERENCE: RTS-0136
; CURRENT APPLICATION NUMBER: US/09/657,453A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-453A-67

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1110 ACAGACTGTGAGTGA 1126
Db 20 ACAGACTGTGAGTGA 4

RESULT 2161
US-09-918-686-54
Sequence 54, Application US/09918686
Patent No. 6475739

GENERAL INFORMATION:
APPLICANT: Brunkow, Mary
APPLICANT: Prohl, Sean
APPLICANT: Paepfer, Bryan
APPLICANT: Stehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 54
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-918-686-54

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7303 TTCCCTTGAGATTGT 7319
Db 2 TTCCCTTAAGAGATTGT 18

RESULT 2162
US-09-199-542B-5
Sequence 5, Application US/09199542B
Patent No. 6479235

GENERAL INFORMATION:
APPLICANT: Schumm, James W.
APPLICANT: Sprecher, Cynthia J.
TITLE OF INVENTION: Multiplex Amplification of Short Tandem Repeat Loci
FILE REFERENCE: 16066/9212
CURRENT APPLICATION NUMBER: US/09/199,542B
CURRENT FILING DATE: 1998-11-25
PRIOR APPLICATION NUMBER: US 08/316,544
PRIOR FILING DATE: 1994-09-30
PRIOR APPLICATION NUMBER: US 08/632,575
PRIOR FILING DATE: 1996-04-15
NUMBER OF SEQ ID NOS: 110
SOFTWARE: Word97 (converted to DOS text format)
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapien
LOCATION: DSS818
US-09-199-542B-5

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7004 GGGAGATTCTCTTT 7020
Db 1 GGGGATTTCCTCTTT 17

RESULT 2163
US-09-527-030G-349/C
Sequence 349, Application US/09527030G
Patent No. 6482588

GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO 349
LENGTH: 20
TYPE: DNA
ORGANISM: Human Papillomavirus
US-09-527-030G-349

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1758 CATTATGTCATCCTGC 1774
Db 19 CATTATGTCATCCTGC 3

RESULT 2164
US-09-725-265-39/C
Sequence 39, Application US/09725265
Patent No. 6492121

GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO.
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-11601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-39

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6683 TATTTTATATATAT 6699
Db 17 TTTTATATATATAT 1

```
RESULT 2165
US-09-659-845A-147/C
; Sequence 147, Application US/09659845A
; Patent No. 6492170
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: R1S-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-147

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      339 CTTGAGCTGGACATCC 355
DB      19 CTTGTGTGTGTATCC 3

RESULT 2166
US-09-657-346A-104/C
; Sequence 104, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: R1S-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-104

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2928 GGTGTAAGTGGGAA 2944
DB      18 GGTGTATGAATGGGAA 2

RESULT 2167
US-09-305-839-5
; Sequence 5, Application US/09305839
; Patent No. 651935
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-Bn
; APPLICANT: Yet, Shaw-Fang
; TITLE OF INVENTION: Methods of Treating Hypertension
; FILE REFERENCE: 21508-064
; CURRENT APPLICATION NUMBER: US/09/305,839
; CURRENT FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: 08/818,655
; PRIOR FILING DATE: 1997-03-14
```

```
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
US-09-305-839-5

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1574 TCGACCCCAAAACAG 1590
DB      4 TCCACCCCAAAATAG 20

RESULT 2168
US-09-422-978-4151
; Sequence 4151, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-13588 for SEQ 217,
US-09-422-978-4151

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6847 TAATAGACTTGCCCTTC 6863
DB      4 TAATAGATTGCTTC 20

RESULT 2169
US-09-422-978-5517/C
; Sequence 5517, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
```



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; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8813
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-18418 for SEQ 948, in compleme
US-09-422-978-8813

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3228 GAGGGAAGATTTT 3244
Db      18 GAGGGAAGATCTTTA 2

RESULT 2174
US-09-060-299-61/c
; Sequence 61, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
```

```

; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-61

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5891 CTGCAGAGACCAAGAA 5907
Db      20 CTGCTGAAGACCAAGAA 4

RESULT 2175
US-09-060-299-391/c
; Sequence 391, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 391:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-391

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```


OY 2356 TGTGCTGACAGAAATGA 2372
| | | | | | | | | | | | | | | | | | | | | |
Db 17 TGTGCTGACAGAAATGA 1

RESULT 2176
US-09-705-267A-31/C
; Sequence 31, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-705-267A-31

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5551 TGCAGATGAGAACTGG 5567
| | | | | | | | | | | | | | | | | | | | | |
Db 17 TGCAGACGAGAAATGG 1

RESULT 2177
US-09-705-267A-34
; Sequence 34, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-705-267A-34

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7279 AGCTGTGACTGTTTG 7295
| | | | | | | | | | | | | | | | | | | | | |
Db 3 AGCGAGTACTGTTTG 19

RESULT 2178
US-09-402-923A-61/C
; Sequence 61, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hesse, John W

Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshiniko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glabe Road, Eighth floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-402-923A-61

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5891 CTGCAGAAACCAAGAA 5907
| | | | | | | | | | | | | | | | | | | | | |
Db 20 CTGCTGAAGACCAAGAA 4

RESULT 2179
US-09-402-923A-391/C
; Sequence 391, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hesse, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshiniko
; Merriman, Tony R
; Metzker, Michael L
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor

```

; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Nixon and Vanderhye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 391:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 391:
US-09-402-923A-391
;
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2356 TGTGCTGACAGATGA 2372
DB 17 TGTGCTGACAGATGA 1

RESULT 2180
US-09-198-452A-1354
; Sequence 1354, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1354
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1354
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5719 CTCTCTTGTGCTGCTT 5735
DB 17 CTCTCTTGTGCTGCTT 5735
```

```

DB 4 CTCTCTTGTGCTGCTT 20

RESULT 2181
US-09-198-452A-1518/c
; Sequence 1518, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1518
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1518
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3015 ATCTGTGTCACATCTGGC 3031
DB 19 ATCTGTGTCACATCTGGC 3

RESULT 2182
US-09-198-452A-2177
; Sequence 2177, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2177
Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 599 CCATCAAGTGGCTAGCC 615
DB 1 CCATCAAGTGGCTAGCC 17

RESULT 2183
US-09-198-452A-2793
; Sequence 2793, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2793
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2793

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 93 GCGTTGTAGCGGAGCC 109
Db 1 GCGTTGTAGCGGAGCC 17

RESULT 2184
US-09-198-452A-2814
; Sequence 2814, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffa, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2814
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2814

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4651 TTTCCTCTTGAGAGC 4667
Db 3 TTTCCTCTTGAGAGC 19

RESULT 2185
US-09-198-452A-2863
; Sequence 2863, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffa, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2863
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2863

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7404 AAGCAATCAGCAGCA 7420
Db 4 AAGCAATCAGCAGCA 20

RESULT 2186
US-09-198-452A-3031/C
; Sequence 3031, Application US/09198452A
```

```
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffa, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3031
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3031

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1849 CAGGTGAAGAGCTGCT 1865
Db 19 CAGGTGAAGAGCTGCT 3

RESULT 2187
US-09-198-452A-3229
; Sequence 3229, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffa, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3229
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3229

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4784 TACCATTCTCCCTT 4800
Db 4 TACCATTCTCCCTT 20

RESULT 2188
US-09-198-452A-3792
; Sequence 3792, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffa, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3792
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3792

Query Match
Best Local Similarity 88.2%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3232 GAAGATTTTTRGAG 3248
|||||
Db 4 GAAGACTTTTGAGAG 20

RESULT 2189

US-09-198-452A-3806/C
; Sequence 3806, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3806
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3806

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3648 TGGGAGAAATACCCC 3664
|||||
Db 17 TGGGAGAAATCCGC 1

RESULT 2190

US-09-198-452A-4100/C
; Sequence 4100, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4100

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 659 AGATCCCTGTTCCCTG 675
|||||
Db 20 AGATCATGTTCCCTG 4

RESULT 2191

US-09-198-452A-4101
; Sequence 4101, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4101

; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4101

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5830 AATCTGTCATGCTGC 5846
|||||
Db 4 AATCTGTCATGCTGC 20

RESULT 2192

US-09-198-452A-4289/C
; Sequence 4289, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4289
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4289

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 GAAGATGATCTCAACA 856
|||||
Db 20 GAAGATGATCTCCACA 4

RESULT 2193

US-09-198-452A-4674/C
; Sequence 4674, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4674
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4674

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2417 ACACCAATCACTCCAC 2433
|||||
Db 17 ACACCTACATCCCCAC 1

```
RESULT 2194
US-09-198-452A-4963/C
; Sequence 4963, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4963
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4963

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1884 TCTGTCCAGCTCGCC 1900
DB 17 TCTTCCAGCTCGCC 1

RESULT 2195
US-09-198-452A-5344
; Sequence 5344, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5344
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5344

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6112 GAGATTGCTTAGGTT 6128
DB 1 GCGATTGCTTAGGTT 17

RESULT 2196
US-09-198-452A-5420/C
; Sequence 5420, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5420
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5420

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4516 GACTGAGGAGGTGCTG 4532
DB 20 GACTTGAGGAGGTGCTG 4

RESULT 2197
US-09-198-452A-5800
; Sequence 5800, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5800
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5800

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7405 AGCAACATCAGCAGCAG 7421
DB 1 AGCAACATCAGCAGCAG 17

RESULT 2198
US-09-198-452A-5852/C
; Sequence 5852, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5852
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5852

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6604 GAGTTTCTTCCCATC 6620
DB 17 GAGTTTCTTCTCAGC 1

RESULT 2199
US-09-198-452A-5937
; Sequence 5937, Application US/09198452A
; Patent No. 6559294
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5937
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5937

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5178 GCTCTGCAATGTTCTCCA 5194
DB      2 GCTCTGCAAGTCTCTCTA 18

RESULT 2200
US-09-198-452A-5947
/ Sequence 5947, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5947
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5947

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3200 GTGAGGGGGCTTGAGAAA 3216
DB      2 GTGAGGGGGCTTGACAAA 18

RESULT 2201
US-09-198-452A-6635
/ Sequence 6635, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 6635
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6635

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5379 ATTTTAGCCCTTGAC 5395
DB      3 ATTTTAGCCCTTGAC 19

RESULT 2203
US-09-081-385-82
/ Sequence 82, Application US/09081385
/ Patent No. 6593456
/ GENERAL INFORMATION:
/ APPLICANT: Gatnaga, T.
/ TITLE OF INVENTION: Factors Altering Tumor Necrosis
/ TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
/ TITLE OF INVENTION: of Use Thereof
/ NUMBER OF SEQUENCES: 154
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSER: MORRISON & FORSTER
/ STREET: 755 PAGE MILL ROAD
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304-1018
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows
/ SOFTWARE: FASTSEQ for Windows Version 2.0b
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/081,385
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/964,747
/ FILING DATE: 05-NOV-1997
/ APPLICATION NUMBER: 60/030,761
/ FILING DATE: 06-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wu, Frank
/ REGISTRATION NUMBER: 41,386
/ REFERENCE/DOCKET NUMBER: 22000-20577.21
```

```
TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-081-385-82

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1402 ATCAAGTGAAGATGA 1418
Db      3 ATCAGAGTGAAGAGAGA 19

RESULT 2204
US-09-081-385-85/c
; Sequence 85, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081.385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-081-385-85

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      3095 GACTCAGCTGCTAAG 3111
Db      20 GACTACAGTCTGAG 4

RESULT 2205
US-09-081-385-123/c
; Sequence 123, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-081-385-123

Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5895 AGAAGACCAAGACCTG 5911
Db      19 AGAAGACCAAGAGCTG 3

RESULT 2206
US-09-780-045-105/c
; Sequence 105, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT E
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
```

```
/ CURRENT FILING DATE: 2001-02-09
/ NUMBER OF SEQ ID NOS: 135
/ SEQ ID NO 105
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-105
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      68 GCGGGGGCGCGCGCGG 84
DB      19 GCGGGGGAGCGCGCGG 3
```

```
RESULT 2207
US-09-689-065B-11
/ Sequence 11, Application US/09689065B
/ Patent No. 6605696
/ GENERAL INFORMATION:
/ APPLICANT: Pfizer Products, Inc.
/ TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND
/ FILE REFERENCE: 3153,00187/PC10589A
/ CURRENT APPLICATION NUMBER: US/09/689,065B
/ PRIOR FILING DATE: 2000-10-12
/ PRIOR APPLICATION NUMBER: US Prov. 60/160,922
/ PRIOR FILING DATE: 1999-10-22
/ PRIOR APPLICATION NUMBER: US Prov. 60/163,858
/ PRIOR FILING DATE: 1999-11-05
/ NUMBER OF SEQ ID NOS: 112
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 11
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Lawsonia intracellularis
US-09-689-065B-11
```

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Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3009 CACCCCATCTTGTCACA 3025
DB      3 CACCCATCTTGTTACA 19
```

```
RESULT 2208
US-09-112-580-102
/ Sequence 102, Application US/09112580
/ Patent No. 6610539
/ GENERAL INFORMATION:
/ APPLICANT: WRIGHT, Jim A.
/ APPLICANT: YOUNG, Aiding
/ APPLICANT: DUCOURD, Dominique
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
/ FILE REFERENCE: 032396-016
/ CURRENT APPLICATION NUMBER: US/09/112,580
/ CURRENT FILING DATE: 1998-07-09
/ EARLIER APPLICATION NUMBER: US 60/052,160
/ NUMBER OF SEQ ID NOS: 265
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 102
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Escherichia coli
US-09-112-580-102
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1697 GGGCAGACAGCGTGAG 1713
DB      4 GAGCAGAAAGCGTGAG 20
```

```
RESULT 2209
US-09-526-193A-105
/ Sequence 105, Application US/09526193A
/ Patent No. 6617122
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Pimstone, Simon N.
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
/ FILE REFERENCE: 50110/002005
/ CURRENT APPLICATION NUMBER: US/09/526,193A
/ CURRENT FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: 60/124,702
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR APPLICATION NUMBER: 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: 60/151,977
/ PRIOR FILING DATE: 1999-09-01
/ NUMBER OF SEQ ID NOS: 287
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 105
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-526-193A-105
```

```
Query Match          0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4581 TTTTCCTTGACTGCTTC 4597
DB      4 TTTTCCTTGCTGTGC 20
```

```
RESULT 2210
US-09-989-002-7
/ Sequence 7, Application US/09989002
/ Patent No. 6630300
/ GENERAL INFORMATION:
/ APPLICANT: MASUDA, No. 6630300Iyoshi
/ APPLICANT: ISHIGURO, Takahiko
/ APPLICANT: SAITO, Junichi
/ APPLICANT: TAYA, Toshiaki
/ APPLICANT: YASUKAWA, Kiyoshi
/ TITLE OF INVENTION: OLIGONUCLEOTIDES AND METHOD FOR CHARACTERIZING AND DETECTING GENC
/ FILE REFERENCE: 216325US0
/ CURRENT APPLICATION NUMBER: US/09/989,002
/ CURRENT FILING DATE: 2001-11-21
/ PRIOR APPLICATION NUMBER: JP2000-359482
/ PRIOR FILING DATE: 2000-11-21
/ PRIOR APPLICATION NUMBER: JP2001-20231
/ PRIOR FILING DATE: 2001-01-29
/ NUMBER OF SEQ ID NOS: 53
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 7
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
```


FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-989-002-7

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3591 CTGCACCTTTGTGACC 3607
Db 3 CTGCACCTTTGTGGCC 19

RESULT 2211
US-09-907-794A-125
; Sequence 125, Application US/0907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Ealon, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565

; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-907-794A-125

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2040 CACGACGTGTAGGCA 2056
Db 2 CTGACGAGTGTAGGAA 18

RESULT 2212
US-09-665-615B-77/c
; Sequence 77, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcusson, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-77

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2085 TGCTACTGTGCGGTAC 2101
Db 18 TGCTCTGTCTGTGTAC 2

RESULT 2213
US-09-860-473-76/c
; Sequence 76, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169

```

; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-76

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      226  CCCTCGGAGCAGCTGC 242
Db      17  CCCTCGGAGCTGCTGC 1

RESULT 2214
US-09-905-125A-125
; Sequence 125, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyer, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavitt, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
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; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1998-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-125A-125

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2040  CACAGCAGTGTAGGCA 2056
Db      2    CTCAGCAGTGTAGGAA 18

RESULT 2215
US-09-980-052-69
; Sequence 69, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SU HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Kopacntm 1.71
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of probe or primer for detecting Mycobacterium
; OTHER INFORMATION: Flavescens
US-09-980-052-69

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5559  GAGAGTGTGTGGCA 5575
         ||||||||| || |
```

Db 4 GAGAAGTGGTGGGA 20

```

RESULT 2216
US-09-902-775A-125
Sequence 125, Application US/09902775A
Patent No. 6686451
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Aashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paonl, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILR REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,775A
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423

```

```

: SEQ ID NO 125
:
: LENGTH: 20
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
:
: OTHER INFORMATION: oligonucleotide probe
:
: US-09-902-775A-125

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Query Match	0.2%	Score 13.8	DB 1	Length 20
Best Local Similarity	88.2%	Pred. NO. 2.1e+03		
Matches 15; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

Qy	2040	CACAGCAGTGGTAGGCA	2056
Db	2	CTCAGCAGTGGTAGGAA	18

RESULT 2217
 PCT-US94-02891-38/c
 Sequence 38, Application PC/TUS9402891
 GENERAL INFORMATION:
 APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
 APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
 APPLICANT: SERVICES
 APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
 APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
 TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
 TITLE OF INVENTION: XSCID
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & PINNEGAN
 STREET: 345 PARK AVE.
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: USA
 ZIP: 10154
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC COMPATIBLE
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WORD PERFECT # 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/02891
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/031,143
 FILING DATE: 12-MAR-1993
 APPLICATION NUMBER: 08/121,435
 FILING DATE: 14-SEPT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAM S. FEILER
 REGISTRATION NUMBER: 26,728
 REFERENCE/DOCKET NUMBER: 2026-4061
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-758-4800
 TELEFAX: 212-751-6849
 TELEX: 421792
 INFORMATION FOR SEQ ID NO: 38:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: UNKNOWN
 MOLECULE TYPE:
 DESCRIPTION: OLIGONUCLEOTIDE
 HYPOTHEITICAL: NO
 ANTI-SENSE: YES
 ORIGINAL SOURCE:
 ORGANISM: HUMAN
 INDIVIDUAL ISOLATE: IL-2R

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 CCAGACAGACAGAGGA 1340
|||||
DB 20 CCAGACAGATGAGAGGA 4

RESULT 2218
PCT-US94-06331A-60/c
; Sequence 60, Application PC/TUS9406331A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF FIBROSIS AND
; TITLE OF INVENTION: FIBROUS TISSUE DISEASE
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06331A
; FILING DATE: June 2, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/115
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US94-06331A-60

none

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1323 TCCAGACAGACAGAGG 1339
|||||
DB 17 TGCAGACAGCAGAGAGG 1

RESULT 2219
PCT-US95-08604-105
; Sequence 105, Application PC/TUS9508604
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: HSC Research and Development Limited Partnership
; APPLICANT: Galile, Brenda L.
; APPLICANT: Dunn, James M.

; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08604
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/271,942
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Martina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 20 of human Rb1 gene
; PCT-US95-08604-105

Query Match 0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2886 GTAGGAGAGAGTGTAG 2902
|||||
DB 2 GTAGGAGAGAGAGAGG 18

RESULT 2220
PCT-US96-09388-16/c
; Sequence 16, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
; PCT-US96-09388-16

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Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy      3217 GTGGGTGGAGGAGGCA 3233
Db      17 GTGGGTGGAGGAGCA 1

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RESULT 2221
5219727-9/c
; Patent No. 5219727
; APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.
; TITLE OF INVENTION: QUANTIFICATION OF NUCLEIC ACIDS USING THE
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 64
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/413,623
; FILING DATE: 28-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 396,986
; FILING DATE: 21-AUG-1989
; SEQ ID NO: 9:
; LENGTH: 20
5219727-9

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```

Query Match      0.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy      1764 TGTGATCTGCGCAGGA 1780
Db      17 TGTGATCTGCGCAGGA 1

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RESULT 2222
US-09-422-978-9563/c
; Sequence 9563, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GNSER.020C01

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;
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9563
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-5712 for SEQ 1698, in complem
US-09-422-978-9563

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Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy      3857 TTCTCTTATTCCTCT 3873
Db      18 TTCTCTTCTACTCTCT 2

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RESULT 2223
US-08-076-090-3
; Sequence 3, Application US/08076090
; Patent No. 5631162
; GENERAL INFORMATION:
; APPLICANT: LeBoulch, Philippe
; APPLICANT: London, Irving M.
; APPLICANT: Tuan, Dorothy
; TITLE OF INVENTION: Retroviral Vectors for Transducing
; TITLE OF INVENTION: Beta-Globulin Gene and Beta-Locus Control Region
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kilpatrick & Cody
; STREET: 1100 Peachtree Street, Suite 2800
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.
; ZIP: 30309-4530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/076,090
; FILING DATE: 19930611
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patricia L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: MIT 6128
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 815-6508
; TELEFAX: (404) 815-6555
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:

```

ORGANISM: Homo sapiens
CELL TYPE: Beta-globin gene
US-08-076-090-3

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5412 AAGAAATATAAAGCAAG 5428
DB 5 AAGAAAAAAAAAAGAAAG 21

RESULT 2224
US-08-173-489C-117/C
Sequence 117, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: MANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: 09518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 117:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: beta-globin gene (accession # V00499)
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Lawn, R.M., Efstratiadis, A., O'Connell,
AUTHORS: C, Maniatis, T.
TITLE: The nucleotide sequence of
JOURNAL: the human beta-globin gene
VOLUME: 21
PAGES: 647-651
DATE: 1980
RELEVANT RESIDUES IN SEQ ID NO: 117 :FROM 1 TO 21
US-08-173-489C-117

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5412 AAGAAATATAAAGCAAG 5428
DB 17 AAGAAAAAAAAAAGAAAG 1

RESULT 2225
US-09-422-978-10694/C
Sequence 10694, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10694
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURES:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19228 for SEQ 2829, in complem
US-09-422-978-10694

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2952 AGCAAGACAGACACCA 2968
DB 18 AAGAAAGACAGACACCA 2

RESULT 2226
PCT-US94-06661-3
Sequence 3, Application PCT/TUS9406661
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Retroviral Vectors for Transducing
TITLE OF INVENTION: Beta-Globulin Gene and Beta-Locus Control Region
NUMBER OF SEQUENCES: 5
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06661
FILING DATE: 10-JUN-1994
CLASSIFICATION:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

HYPOTHEITICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
CELL TYPE: Beta-globin gene
PCT-US94-06661-3

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5412 AAGAAATTAAGCAAG 5428
|||||
DB 5 AAGAAAAAAAAAAGAAAG 21

RESULT 2227
PCT-US96-09430-9/c
Sequence 9, Application PC/TUS9609430
GENERAL INFORMATION:
APPLICANT: Glazer, Peter M.
TITLE OF INVENTION: TREATMENT OF HEMOGLOBINOPATHIES
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oncorphan, Inc.
STREET: 200 Perry Parkway
CITY: Gaithersburg
STATE: Maryland
COUNTRY: US
ZIP: 20877
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09430
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,845
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Karta, Glenn E.
REGISTRATION NUMBER: 30,649
REFERENCE/DOCKET NUMBER: PA-0040
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-527-2058
TELEFAX: 301-208-6997
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEITICAL: NO
ANTI-SENSE: NO
PCT-US96-09430-9

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5412 AAGAAATTAAGCAAG 5428
|||||
DB 17 AAGAAAAAAAAAAGAAAG 1

RESULT 2228
US-07-858-124-6
Sequence 6, Application US/07858124
Patent No. 5427932

GENERAL INFORMATION:
APPLICANT: Weier, Heinz-Ulrich G
APPLICANT: Gray, Joe W
TITLE OF INVENTION: Repeat Sequence Chromosome Specific
TITLE OF INVENTION: Nucleic Acid Probes
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: Steuart Street Tower, 18th Fl., One Market
STREET: Plaza
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/858,124
FILING DATE: 19920326
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/683,441
FILING DATE: 09-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L
REGISTRATION NUMBER: 30863
REFERENCE/DOCKET NUMBER: 89-263-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-777-9257
TELEFAX: 415-543-4219
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: NUCLEIC ACID PRIMER
HYPOTHEITICAL: NO
ANTI-SENSE: NO
PUBLICATION INFORMATION:
AUTHORS: Weier et al.
TITLE: "No. 5427932-Isotopical Labeling of Murine
TITLE: Heterochromation In situ by Hybridization with In
TITLE: Vitro Synthesized Biotinylated Gamma (major)
JOURNAL: Biotechniques
VOLUME: 10
ISSUE: 4
PAGES: 498-505
DATE: 9-APR-91
US-07-858-124-6

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4240 ACCCTTTCTTGCTAT 4256
|||||
DB 5 AGCTTTCTTGCTAT 21

RESULT 2229
US-08-071-601-12/c
Sequence 12, Application US/08071601
Patent No. 5530177
GENERAL INFORMATION:
APPLICANT: BLECK, GREGORY T.
APPLICANT: BREWEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE

```

; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANDRUS, SCALBS, STARK & SAWALL
; STREET: 100 E. WISCONSIN AVE., SUITE 1100
; CITY: MILWAUKEE
; STATE: WI
; COUNTRY: USA
; ZIP: 53202-4178
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/071,601
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,765
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: F. 3262-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 255-2022
; TELEFAX: (608) 255-2182
; TELEX: 26832 ANDSTARK
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-071-601-12

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1379 ATCCTACATCCAGAA 1395
Db      20 AGCCTTACATCCAGAA 4

RESULT 2230
US-08-185-301-4/c
; Sequence 4, Application US/08185301
; Patent No. 5554509
; GENERAL INFORMATION:
; APPLICANT: COLUCCI, GIUSEPPE
; APPLICANT: TARMELI, ROBERTO
; TITLE OF INVENTION: NUCLEOTIDE PROBES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBION, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 2202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/185,301
; FILING DATE: 26-JAN 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9301453.8
```

```

; FILING DATE: 26-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: OBION, No. 5554509man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 769-281-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-185-301-4

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6541 AGGATATCTGTAAAGCT 6557
Db      19 AGGATATCTTAAGAT 3

RESULT 2231
US-08-358-901-8/c
; Sequence 8, Application US/08358901
; Patent No. 5554521
; GENERAL INFORMATION:
; APPLICANT: Snelow, Trevor V.
; APPLICANT: Jones, Jonathan D.G.
; TITLE OF INVENTION: No. 5554521e1 Chitinase-Producing Plants
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,901
; FILING DATE: 19-DEC-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/550,253
; FILING DATE: 09-JUL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/888,033
; FILING DATE: 18-JUL-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/593,691
; FILING DATE: 26-MAR-1984
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 12176-5-3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
US-08-358-901-8
Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 689 CCCTGATGTGGCCATG 705
DB 21 CCCGGATCTGGCCATG 5

RESULT 2233
US-08-566-347-8/c
; Sequence 8, Application US/08566347
; Patent No. 5633450
; GENERAL INFORMATION:
; APPLICANT: Suslow, Trevor V.
; APPLICANT: Jones, Jonathan D.G.
; TITLE OF INVENTION: No. 5633450el Chitinase-Producing Plants
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Stewart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/566,347
; FILING DATE: 01-DEC-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/358,901
; FILING DATE: 19-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/550,253
; FILING DATE: 09-JUL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/888,033
; FILING DATE: 18-JUL-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/593,691
; FILING DATE: 26-MAR-1984
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 12176-5-3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
US-08-566-347-8

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 689 CCCTGATGTGGCCATG 705
DB 21 CCCGGATCTGGCCATG 5
```

```

RESULT 2233
US-08-122-795B-9
; Sequence 9, Application US/08122795B
; Patent No. 563385
; GENERAL INFORMATION:
; APPLICANT: Lance H. Leopold
; APPLICANT: Scott K. Shore
; APPLICANT: Moolle V. R. Reddy
; APPLICANT: E. Premkumar Reddy
; TITLE OF INVENTION: MULTI-UNIT RIBOZYME
; TITLE OF INVENTION: INHIBITION OF ONCOGENE EXPRESSION
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seidel, Gonda, Lavoigna
; ADDRESSEE: & Monaco, P.C.
; STREET: Two Penn Center Plaza, Suite 1800
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/122,795B
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 122,795
; FILING DATE: 15 September 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-192
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5635385e
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
US-08-122-795B-9

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2539 GAGCTCAGATCTCTGAC 2555
DB 2 GAGCTGAGATGCTGAC 18

RESULT 2234
US-08-619-598-6/c
; Sequence 6, Application US/08619598
; Patent No. 5672487
; GENERAL INFORMATION:
; APPLICANT: SCHWEDEN, Juergen
; APPLICANT: SCHWEDEN, Juergen
; APPLICANT: PIONTEK, Michael
; APPLICANT: WEYDEMAN, Ulrike
; APPLICANT: GEDLISSEN, Gerd
; TITLE OF INVENTION: THE RECOMBINANT PRODUCTION
; TITLE OF INVENTION: OF PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
```

```
/ ADDRESSER: Keil & Weinlauf
/ STREET: 1101 Connecticut Avenue
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
/ COMPUTER: IBM AT-compatible, 80486 processor
/ OPERATING SYSTEM: MS-DOS version 6.0
/ SOFTWARE: Wordperfect version 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/619,598
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: EP/94/03409
/ FILING DATE: 17-OCT-1994
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: genomic DNA
/
US-08-619-598-6

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7072 TGAATGCACTGAGTCCC 7088
Db      21 TGACTGCACGTGATCCC 5

RESULT 2235
US-08-588-821-46/c
/ Sequence 46, Application US/08588821
/ Patent No. 5712097
/ GENERAL INFORMATION:
/ APPLICANT: Kern, Scott E.
/ APPLICANT: Hahn, Stephan A.
/ TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Fish & Richardson P.C.
/ STREET: 4225 Executive Square, Suite 1400
/ CITY: La Jolla
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 92037
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/588,821
/ FILING DATE: 19-JAN-1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Halle, Lisa A.
/ REGISTRATION NUMBER: 38,347
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619/678-5070
/ TELEFAX: 619/678-5099
/ INFORMATION FOR SEQ ID NO: 46:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
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```
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/
US-08-821-46

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      304 ACTGTGGGGAACCAAT 320
Db      17 ACTGTGAAGAACCAAT 1

RESULT 2236
US-08-525-654A-119/c
/ Sequence 119, Application US/08525654A
/ Patent No. 5736356
/ GENERAL INFORMATION:
/ APPLICANT: SANO, KOICHIRO
/ APPLICANT: KUMAZAWA, YOSHIYUKI
/ APPLICANT: YASEUDA, HISASHI
/ APPLICANT: SEGURO, KATSUYA
/ APPLICANT: MOTOKI, MASAO
/ TITLE OF INVENTION: TRANSGLUTAMINASE ORIGINATED FROM
/ NUMBER OF SEQUENCES: 150
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
/ STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
/ CITY: ARLINGTON
/ STATE: VA
/ COUNTRY: USA
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/525,654A
/ FILING DATE: 28-SEP-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP 6/8283
/ FILING DATE: 28-JAN-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP 7/3876
/ FILING DATE: 13-JAN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: OBLON, NORMAN F.
/ REGISTRATION NUMBER: 24,618
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-413-3000
/ TELEFAX: 703-413-2220
/ INFORMATION FOR SEQ ID NO: 119:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "SYNTHETIC DNA, N REPRESENTS
/ DESCRIPTION: INOSINE"
/
US-08-525-654A-119

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4015 ATGAGAAAAGAGAGAA 4032
         ||||| ||||| ||||| |
```

Db 20 ATGAGAAAATGAGAGNA 3

RESULT 2237
US-08-525-654A-127/C
; Sequence 127, Application US/08525654A
; Patent No. 5736356
; GENERAL INFORMATION:
; APPLICANT: SANO, KOHICHIRO
; APPLICANT: KUMAZAWA, YOSHIOYUKI
; APPLICANT: YASEBUDA, HISASHI
; APPLICANT: SEGURO, KATSUYA
; APPLICANT: MOTOKI, MASAO
; TITLE OF INVENTION: TRANSGUTAMINASE ORIGINATED FROM
; TITLE OF INVENTION: CRASSOSTREA GIGAS
; NUMBER OF SEQUENCES: 150
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525,654A
; FILING DATE: 28-SEP-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 6/8283
; FILING DATE: 28-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7/3876
; FILING DATE: 13-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 10-760-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-5000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA, N REPRESENTS
; DESCRIPTION: INOSINE"
US-08-525-654A-127

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4015 ATGAGAAAATGAGAGNA 4032
Db 20 ATGAGAAAATGAGAGNA 3

RESULT 2238
US-08-693-835-8/C
; Sequence 8, Application US/08693835
; Patent No. 5776448
; GENERAL INFORMATION:
; APPLICANT: Suslow, Trevor V.
; APPLICANT: Jones, Jonathan D.G.

; TITLE OF INVENTION: No. 5776448el Chitinase-Producing Plants
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/693,835
; FILING DATE: 01-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/358,901
; FILING DATE: 19-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/550,253
; FILING DATE: 09-JUL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/888,033
; FILING DATE: 18-JUL-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/593,691
; FILING DATE: 26-MAR-1984
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 12176-5-3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
US-08-693-835-8

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 689 CCTGATGTGGCCATG 705
Db 21 CCCGGATCTGGCCATG 5

RESULT 2239
US-08-294-424-38
; Sequence 38, Application US/08294424
; Patent No. 5800984
; GENERAL INFORMATION:
; APPLICANT: Vary, Calvin
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCE DETECTION BY
; TITLE OF INVENTION: TRIPLE HELIX FORMATION
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB storage

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COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: WordPerfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/294,424
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/000,922
FILING DATE: 16 JAN 1993
APPLICATION NUMBER: US/07/629,601B
FILING DATE: 17-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: Freeman, John W.
REGISTRATION NUMBER: 29,066
REFERENCE/DOCKET NUMBER: 00888-037001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 38 :
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-294-424-38

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4784 TACCATTCCTCCCTT 4800
DB      3 TACCTTCTCCTCCCTT 19

RESULT 2240
US-08-915-214-46/c
Sequence 46, Application US/08915214
Patent No. 5814457
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,214
FILING DATE: 20-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 46:
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SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-915-214-46

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      304 ACTGTGGGAAACCAAT 320
DB      17 ACTGTGAGAAACCAAT 1

RESULT 2241
US-08-726-575A-3
Sequence 3, Application US/08726575A
Patent No. 5814587
GENERAL INFORMATION:
APPLICANT: Winnie Chan, Dery J. Bergsma,
APPLICANT: Catherine E. Ellis
TITLE OF INVENTION: A No. 5834587el G-Protein Coupled Receptor,
TITLE OF INVENTION: HLTEx11
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,575A
FILING DATE: OCTOBER 8, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: ATG 50025
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270 5219
TELEFAX: 610 270 4026
INFORMATION FOR SEQ ID NO: 3 :
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
ANTI-SENSE: No
US-08-726-575A-3

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      897 GATTGATTCATGTGTG 913
DB      2 GATGTGTTCAATGTGTG 18

RESULT 2242
US-08-621-100-12/c
```

```
Sequence 12, Application US/08621100
Patent No. 5850000
GENERAL INFORMATION:
APPLICANT: BLECK, GREGORY T.
APPLICANT: BREMEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANDRUS, SCALES, STARKE & SAWALL
STREET: 100 E. WISCONSIN AVE., SUITE 1100
CITY: MILWAUKEE
STATE: WI
COUNTRY: USA
ZIP: 53202-4178
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,100
FILING DATE: 22-MAR-1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/071,601
FILING DATE:
APPLICATION NUMBER: US/07/744,765
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: F. 3262-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 255-2022
TELEFAX: (608) 255-2182
TELEX: 26832 ANDSTARK
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-621-100-12

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1379 ATCCTACATCCAGGAA 1395
Db      20 AGCCTACATCCAGGAA 4

RESULT 2243
US-08-632-598-28
Sequence 28, Application US/08632598
Patent No. 5886164
GENERAL INFORMATION:
APPLICANT: BIRD, COLIN R
APPLICANT: FLETCHER, JONATHAN D
TITLE OF INVENTION: RIPENING-RELATED GENES FROM BANANA
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DABRY AND CUSHMAN
STREET: 1100 NEW YORK AVENUE N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/632,598
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 223355/SBE50112/US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 861-3000
TELEFAX: 822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: PEACH
IMMEDIATE SOURCE:
CLONE: 3' PRIMER
US-08-632-598-28

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2022 TGGGAAAAAACCCTTCTA 2038
Db      4 TGGGAAAGCACCTTCTA 20

RESULT 2244
US-08-410-784A-7/c
Sequence 7, Application US/08410784A
Patent No. 5912413
GENERAL INFORMATION:
APPLICANT: MYERS, ALAN M.
APPLICANT: JAMES, MARTHA G.
TITLE OF INVENTION: ISOLATION OF SU1, A STARCH DEBRANCHING
TITLE OF INVENTION: ENZYME, THE PRODUCT OF THE MAIZE GENE
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Weingarten, Schurgin, Gagnebin and Hayes LLP
STREET: Ten Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,784A
FILING DATE: 24-MAR-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Heine, Ph.D., Holliday C
REGISTRATION NUMBER: 34,346
REFERENCE/DOCKET NUMBER: ISU-002XX
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-2290
```

TELEFAX: 617-451-0313
TELEX:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-410-784A-7

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5839 ATGGCTGATGATGCC 5855
DB 17 ATGGCTGATGATCCC 1

RESULT 2245
US-08-480-020B-12/c
Sequence 12, Application US/08480020B
Patent No. 5932476
GENERAL INFORMATION:
APPLICANT: NOTEBORN, MATHEUS H.M.
APPLICANT: DE BOER, GERDEN F.
TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: RAE-VENTER LAW GROUP
STREET: 260 SHERIDAN AVENUE, SUITE 400
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,020B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/030,335
FILING DATE: 08-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/NL91/00165
FILING DATE: 12-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL 9002008
FILING DATE: 12-SEP-1990
ATTORNEY/AGENT INFORMATION:
NAME: KING, VIOLA
REGISTRATION NUMBER: P41,131
REFERENCE/DOCKET NUMBER: VEOC.002.02US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)328-4400
TELEFAX: (650)328-4477
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-480-020B-12

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 721 ATGAGTACACCCCTGT 737
DB 20 ATGAGTACACCCCTGT 4

RESULT 2246
US-08-480-020B-13/c
Sequence 13, Application US/08480020B
Patent No. 5932476
GENERAL INFORMATION:
APPLICANT: NOTEBORN, MATHEUS H.M.
APPLICANT: DE BOER, GERDEN F.
TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: RAE-VENTER LAW GROUP
STREET: 260 SHERIDAN AVENUE, SUITE 400
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,020B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/030,335
FILING DATE: 08-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/NL91/00165
FILING DATE: 12-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL 9002008
FILING DATE: 12-SEP-1990
ATTORNEY/AGENT INFORMATION:
NAME: KING, VIOLA
REGISTRATION NUMBER: P41,131
REFERENCE/DOCKET NUMBER: VEOC.002.02US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)328-4400
TELEFAX: (650)328-4477
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-480-020B-13

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 721 ATGAGTACACCCCTGT 737
DB 20 ATGAGTACACCCCTGT 4

RESULT 2247
US-09-005-532-46/c
Sequence 46, Application US/09005532
Patent No. 5955292

```

; GENERAL INFORMATION:
; APPLICANT: Kern, Scott B.
; APPLICANT: Hahn, Stephan A.
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/588,821
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/079001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-005-532-46

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 304 ACTGTGGGAAACCAAT 320
Db 17 ACTCTGGAGAAACCAAT 1

RESULT 2248
US-08-910-618-12/c
; Sequence 12, Application US/08910618
; Patent No. 5958424
; GENERAL INFORMATION:
; APPLICANT: NOTEBOHN, MATHEUS H.M.
; APPLICANT: DE BOER, GERDEN P.
; TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 SHERIDAN AVENUE, SUITE 400
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,618
; FILING DATE: 13-AUG-1997
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```

; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/484,939
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/030,335
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/NL91/00165
; FILING DATE: 12-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9002008
; FILING DATE: 12-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: VEOC.002.01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)328-4400
; TELEFAX: (650)328-4477
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-910-618-12

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 721 ATGAGTACACCCCTGT 737
Db 20 ATGACGTACCCCTGT 4

RESULT 2249
US-08-910-618-13/c
; Sequence 13, Application US/08910618
; Patent No. 5958424
; GENERAL INFORMATION:
; APPLICANT: NOTEBOHN, MATHEUS H.M.
; APPLICANT: DE BOER, GERDEN P.
; TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 SHERIDAN AVENUE, SUITE 400
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,618
; FILING DATE: 13-AUG-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/484,939
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/030,335
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/NL91/00165
; FILING DATE: 12-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9002008
; FILING DATE: 12-SEP-1990
```

ATTORNEY/AGENT INFORMATION:
NAME: Rae-Ventier, Barbara
REGISTRATION NUMBER: 32,750
REFERENCE/DOCKET NUMBER: VEOC.002.01US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)328-4400
TELEFAX: (650)328-4477
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-910-618-13

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 721 ATGAGTACACCCCTGT 737
Db 20 ATGACGTACCCCTGT 4

RESULT 2250
US-08-822-028-47/c
Sequence 47, Application US/08822028

PATENT No. 5993813
GENERAL INFORMATION:
APPLICANT: MEZES, PETER S
APPLICANT: GOURLIE, BRIAN B
APPLICANT: RIXON, MARK W
APPLICANT: ANDERSON, WH KERR
APPLICANT: KAPLAN, DONALD A
TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: DUANE C ULMER
STREET: P.O. BOX 1967
CITY: MIDLAND
STATE: MICHIGAN
COUNTRY: USA
ZIP: 48641-1967

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,028
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/040,687
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: ULMER, DUANE C
REGISTRATION NUMBER: 34,941
REFERENCE/DOCKET NUMBER: C-37,075C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (517) 636-8104
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-822-028-47

Query Match 0.2%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3027 CTGGCCCTGACCCCACT 3043
Db 21 CAGGCCCTGACTCCACT 5

RESULT 2251

US-08-822-028-48
Sequence 48, Application US/08822028
PATENT No. 5993813
GENERAL INFORMATION:

APPLICANT: MEZES, PETER S
APPLICANT: GOURLIE, BRIAN B
APPLICANT: RIXON, MARK W
APPLICANT: ANDERSON, WH KERR
APPLICANT: KAPLAN, DONALD A
APPLICANT: SCHOLOM, JEFFREY
TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: DUANE C ULMER
STREET: P.O. BOX 1967
CITY: MIDLAND
STATE: MICHIGAN
COUNTRY: USA
ZIP: 48641-1967

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,028
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/040,687
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: ULMER, DUANE C
REGISTRATION NUMBER: 34,941
REFERENCE/DOCKET NUMBER: C-37,075C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (517) 636-8104
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-822-028-48

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3027 CTGGCCCTGACCCCACT 3043
Db 1 CAGGCCCTGACTCCACT 17

RESULT 2252

US-08-899-786-31/c
Sequence 31, Application US/08899786
PATENT No. 6001572
GENERAL INFORMATION:

APPLICANT: Toothman, Penelope
TITLE OF INVENTION: Method of Identifying A1oe Using
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:

ADDRESSEE: Swanson & Brätschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,786
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/022,611
FILING DATE: 26-JULY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: UNI .07
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3333
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE:
US-08-899-786-31

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5485 AGAGTAATTTTGGAC 5501
DB 20 AGATGATTTTGGAC 4

RESULT 2253
US-08-445-463B-94
Sequence 94, Application US/08445463B
Patent No. 6033890
GENERAL INFORMATION:
APPLICANT: Jakobovits, Edward B.
APPLICANT: Silen, Joy L.
APPLICANT: Levy, Mark J.
APPLICANT: Goodman, Thomas C.
APPLICANT: Becker, Martin
APPLICANT: Ullman, Edwin F.
APPLICANT: Caldwell, Robert M.
APPLICANT: Bolt, Richard R.
APPLICANT: Barnett, Christopher C.
TITLE OF INVENTION: Homogenous Immunoassays Using Mutant
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dade Behring Inc.
STREET: 1717 Deerfield Road
CITY: Deerfield
STATE: Illinois
COUNTRY: USA
ZIP: 60015
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/044,857
FILING DATE: 08-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Ruzsala, Lois K.
REGISTRATION NUMBER: 39,074
REFERENCE/DOCKET NUMBER: BEH-7261 DIV 2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (847) 267-5364
TELEFAX: (847) 267-5376
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-445-463B-94

APPLICATION NUMBER: US/08/445,463B
FILING DATE: 22-MAY-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/044,857
FILING DATE: 08-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Ruzsala, Lois K.
REGISTRATION NUMBER: 39,074
REFERENCE/DOCKET NUMBER: BEH-7261 DIV 2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (847) 267-5364
TELEFAX: (847) 267-5376
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-445-463B-94

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2271 TGATGCTGCATCAAC 2287
DB 4 TGATGACTGCTCAAC 20

RESULT 2254
US-08-445-463B-95/C
Sequence 95, Application US/08445463B
Patent No. 6033890
GENERAL INFORMATION:
APPLICANT: Jakobovits, Edward B.
APPLICANT: Silen, Joy L.
APPLICANT: Levy, Mark J.
APPLICANT: Goodman, Thomas C.
APPLICANT: Becker, Martin
APPLICANT: Ullman, Edwin F.
APPLICANT: Caldwell, Robert M.
APPLICANT: Bolt, Richard R.
APPLICANT: Barnett, Christopher C.
TITLE OF INVENTION: Homogenous Immunoassays Using Mutant
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dade Behring Inc.
STREET: 1717 Deerfield Road
CITY: Deerfield
STATE: Illinois
COUNTRY: USA
ZIP: 60015
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,463B
FILING DATE: 22-MAY-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/044,857
FILING DATE: 08-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Ruzsala, Lois K.
REGISTRATION NUMBER: 39,074
REFERENCE/DOCKET NUMBER: BEH-7261 DIV 2

TELECOMMUNICATION INFORMATION:
TELEPHONE: (847) 267-5364
TELEFAX: (847) 267-5376
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-445-463B-95

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2271 TGATGCTGCATCAAC 2287
DB 18 TGATGCTGCTCAAC 2

RESULT 2255
US-09-106-217-10
Sequence 10, Application US/09106217
Patent No. 6063576
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Olson, Timothy M.
TITLE OF INVENTION: Actin Mutations in Dilated
TITLE OF INVENTION: Cardiomyopathy, a Heritable Form of Heart Failure
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Piggy, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 701 East
STREET: Tower
CITY: Washington
STATE: DC
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,217
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 2323-125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer"
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-106-217-10

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3659 TACCCAGACCCACAA 3675
DB 2 TACACGACCTTACAA 18

RESULT 2256
US-09-009-913-127
Sequence 127, Application US/09009913
Patent No. 6087485
GENERAL INFORMATION:
APPLICANT: AAYS Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Other
US-09-009-913-127

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 2.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1986 CCTGGAGCAGATGTACA 2004
DB 1 CCTGGAGCAGATGTACA 19

RESULT 2257
US-08-445-464C-94
Sequence 94, Application US/08445464C
Patent No. 6090567
GENERAL INFORMATION:
APPLICANT: Jakobovits, Edward B.
APPLICANT: Sillen, Joy L.
APPLICANT: Levy, Mark J.
APPLICANT: Goodman, Thomas C.
APPLICANT: Becker, Martin
APPLICANT: Ullman, Edwin P.
APPLICANT: Caldwell, Robert M.
APPLICANT: Bolt, Richard R.
APPLICANT: Barnett, Christopher C.
TITLE OF INVENTION: Homogenous Immunoassays Using Mutant

```

: TITLE OF INVENTION: Glucose-6-Phosphate Dehydrogenases
: NUMBER OF SEQUENCES: 124
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Dade Behring Inc.
: STREET: 1717 Deerfield Road
: CITY: Deerfield
: STATE: Illinois
: COUNTRY: USA
: ZIP: 60015
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/445,464C
: FILING DATE: 22-MAY-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/044,857
: FILING DATE: 08-APR-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Ruzsala, Lois K.
: REGISTRATION NUMBER: 39,074
: REFERENCE/DOCKET NUMBER: BEH-7261 DIV 1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (847) 267-5364
: TELEFAX: (847) 267-5376
: INFORMATION FOR SEQ ID NO: 94:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEICAL: NO
: ANTI-SENSE: NO
: US-08-445-464C-94

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2271 TGATGCTGCATCAAC 2287
Db      4 TGATGACTGCTCAAC 20

RESULT 2258
US-08-445-464C-95/C
: Sequence 95, Application US/08445464C
: Patent No. 6090567
: GENERAL INFORMATION:
: APPLICANT: Jakobovits, Edward B.
: APPLICANT: Silen, Joy L.
: APPLICANT: Levy, Mark J.
: APPLICANT: Goodman, Thomas C.
: APPLICANT: Becker, Martin
: APPLICANT: Ullman, Edwin F.
: APPLICANT: Caldwell, Robert M.
: APPLICANT: Bott, Richard R.
: APPLICANT: Barnett, Christopher C.
: TITLE OF INVENTION: Homogenous Immunoassays Using Mutant
: TITLE OF INVENTION: Glucose-6-Phosphate Dehydrogenases
: NUMBER OF SEQUENCES: 124
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Dade Behring Inc.
: STREET: 1717 Deerfield Road
: CITY: Deerfield
: STATE: Illinois
: COUNTRY: USA
: ZIP: 60015
: COMPUTER READABLE FORM:

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: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/445,464C
: FILING DATE: 22-MAY-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/044,857
: FILING DATE: 08-APR-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Ruzsala, Lois K.
: REGISTRATION NUMBER: 39,074
: REFERENCE/DOCKET NUMBER: BEH-7261 DIV 1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (847) 267-5364
: TELEFAX: (847) 267-5376
: INFORMATION FOR SEQ ID NO: 95:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEICAL: NO
: ANTI-SENSE: NO
: US-08-445-464C-95

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2271 TGATGCTGCATCAAC 2287
Db      18 TGATGACTGCTCAAC 2

RESULT 2259
US-08-545-809A-85/C
: Sequence 85, Application US/08545809A
: Patent No. 6096878
: GENERAL INFORMATION:
: APPLICANT: Honjo, Tasuku
: APPLICANT: Matsuda, Fumihiko
: TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
: TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
: NUMBER OF SEQUENCES: 145
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Fish & Richardson, P.C.
: STREET: 225 Franklin Street
: CITY: Boston
: STATE: MA
: COUNTRY: USA
: ZIP: 02110-2804
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: Windows95
: SOFTWARE: FastSeq for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/545,809A
: FILING DATE: 27-MAR-1996
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/JP93/00603
: FILING DATE: 10-MAY-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Freeman, John W.
: REGISTRATION NUMBER: 29,066
: REFERENCE/DOCKET NUMBER: 06501/004001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 617-542-5070
: TELEFAX: 617-542-8906

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;
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-08-545-809A-85

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5901 CCAAGAACCTGTCGCC 5917
DB 20 CCAAGAACCAAGTCTCC 4

RESULT 2260
US-08-929-329-23
; Sequence 23, Application US/08929329
; Patent No. 6120770
; GENERAL INFORMATION:
; APPLICANT: Adams, John H
; APPLICANT: Dalton, John P
; APPLICANT: Kappe, Stefan
; TITLE OF INVENTION: Plasmodium Proteins Useful for Preparing
; TITLE OF INVENTION: Vaccine Compositions
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Barnes & Thornburg
; STREET: 11 S Meridian
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: USA
; ZIP: 46204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/929,329
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Breen, John P
; REGISTRATION NUMBER: 38,833
; REFERENCE/DOCKET NUMBER: 835910-28685
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 231-7745
; TELEFAX: (317) 231-7433
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide Primer for
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
; US-08-929-329-23

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7438 ATTCTGTGTTTATAA 7454
DB 4 ATTTGTGTTGTTATAA 20
```

```

RESULT 2261
US-08-905-359A-5/C
; Sequence 5, Application US/08905359A
; Patent No. 6153410
; GENERAL INFORMATION:
; APPLICANT: Frances H. Arnold
; APPLICANT: Zhixin Shao
; APPLICANT: Joseph A. Affholter
; APPLICANT: Huimin Zhao
; APPLICANT: Lori Giver
; TITLE OF INVENTION: Recombination of Polynucleotide
; TITLE OF INVENTION: Sequences Using Defined or Random Primer Sequences
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/905,359A
; FILING DATE: August 4, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/041,666
; FILING DATE: March 25, 1997
; APPLICATION NUMBER: 60/045,211
; FILING DATE: April 30, 1997
; APPLICATION NUMBER: 60/046,256
; FILING DATE: May 12, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 330187-84
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 277-1297
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 nucleotides
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-905-359A-5

Query Match
Best Local Similarity 0.2%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CCACCCCAGCCGATCT 2083
DB 21 CCGCCCAAGCCGATAGT 5

RESULT 2262
US-09-217-490-15/C
; Sequence 15, Application US/09217490
; Patent No. 6165761
; GENERAL INFORMATION:
; APPLICANT: Schneider, Palle
; APPLICANT: Christensen, Soren
; APPLICANT: Dybdal, Lone
; APPLICANT: Fuglaang, Claus Crone
; APPLICANT: Xu, Feng
```

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APPLICANT: Golightly, Elizabeth
TITLE OF INVENTION: Carbohydrate Oxidase And use Thereof In
FILE OF INVENTION: Baking
FILE REFERENCE: 5421.200-US
CURRENT APPLICATION NUMBER: US/09/217,490
PRIOR APPLICATION NUMBER: 1998-12-21
EARLIER APPLICATION NUMBER: PA 1997 01505
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: PA 1998 00763
EARLIER FILING DATE: 1998-06-04
EARLIER APPLICATION NUMBER: 60/068,717
EARLIER FILING DATE: 1997-12-23
EARLIER APPLICATION NUMBER: 60/088/725
EARLIER FILING DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 15
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-217-490-15

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6047 TGGTTCTCTCATTTGCT 6063
DB      21 TGGTTCTCTCATTTCT 5

RESULT 2263
US-08-974-549A-444/C
Sequence 444, Application US/08974549A
Patent No. 6166178
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Hartley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
```

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APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 444:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..21
OTHER INFORMATION: /note= "TCPL 73 primer"
US-08-974-549A-444

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6481 TGAATAGCGCCAGCT 6497
DB      18 TGAATAGCGCCAGCT 2

RESULT 2264
US-09-353-556-5/C
Sequence 5, Application US/09353556
Patent No. 6177263
GENERAL INFORMATION:
APPLICANT: Frances H. Arnold
APPLICANT: Zhixin Shao
APPLICANT: Joseph A. Affholter
APPLICANT: Huimin Zhao
APPLICANT: Lori Glaver
TITLE OF INVENTION: Recombination of Polynucleotide
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
STREET: 2029 Century Park East, Suite 3800
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: DOS
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SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/353,556
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/905,359
FILING DATE: August 4, 1997
APPLICATION NUMBER: 60/041,666
FILING DATE: March 25, 1997
APPLICATION NUMBER: 60/045,211
FILING DATE: April 30, 1997
APPLICATION NUMBER: 60/046,256
FILING DATE: May 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Oldenkamp, David J.
REGISTRATION NUMBER: 29,421
REFERENCE/DOCKET NUMBER: 330187-84
TELECOMMUNICATION INFORMATION:
TELEPHONE: (310) 788-5000
TELEFAX: (310) 277-1297
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 nucleotides
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-09-353-556-5

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CCACCCGAGCCGACT 2083
DB 21 CCGCCCGAGCCGACT 5

RESULT 2265
US-08-479-285-47/c
Sequence 47, Application US/08479285
Patent No. 6207815
GENERAL INFORMATION:
APPLICANT: MEZES, PETER S
APPLICANT: GOURLIE, BRIAN B
APPLICANT: RIXON, MARK W
APPLICANT: ANDERSON, WH KERR
APPLICANT: KAPLAN, DONALD A
APPLICANT: SCHOLOM, JEFFREY
TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: DUANE C ULMER
STREET: P.O. BOX 1967
CITY: MIDLAND
STATE: MICHIGAN
COUNTRY: USA
ZIP: 48641-1967
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,285
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/040687
FILING DATE: 31-MAR-1993
ATTORNEY/AGENT INFORMATION:

NAME: ULMER, DUANE C
REGISTRATION NUMBER: 34,941
REFERENCE/DOCKET NUMBER: C-37,075C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (517) 636-8104
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-479-285-47

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3027 CTGAGCCGTGACCCACT 3043
DB 21 CAGGCCGTGACTCCACT 5

RESULT 2266
US-08-479-285-48
Sequence 48, Application US/08479285
Patent No. 6207815
GENERAL INFORMATION:
APPLICANT: MEZES, PETER S
APPLICANT: GOURLIE, BRIAN B
APPLICANT: RIXON, MARK W
APPLICANT: ANDERSON, WH KERR
APPLICANT: KAPLAN, DONALD A
APPLICANT: SCHOLOM, JEFFREY
TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: DUANE C ULMER
STREET: P.O. BOX 1967
CITY: MIDLAND
STATE: MICHIGAN
COUNTRY: USA
ZIP: 48641-1967
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,285
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/040687
FILING DATE: 31-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: ULMER, DUANE C
REGISTRATION NUMBER: 34,941
REFERENCE/DOCKET NUMBER: C-37,075C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (517) 636-8104
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-479-285-48

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3027 CTGGCCTGACCCACT 3043
Db 1 CAGGCCCTGACTCACT 17

RESULT 2267
US-08-973-124-270
; Sequence 270, Application US/08973124
; Patent No. 6207816
; GENERAL INFORMATION:
; APPLICANT: LARRY GOLD et al.
; TITLE OF INVENTION: HIGH AFFINITY OLIGONUCLEOTIDE
; TITLE OF INVENTION: LIGANDS TO GROWTH
; TITLE OF INVENTION: FACTORS
; NUMBER OF SEQUENCES: 304
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,124
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08014
; FILING DATE: 30-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/458,423
; FILING DATE: 02-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/458,424
; FILING DATE: 02-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,594
; FILING DATE: 05-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,591
; FILING DATE: 05-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/479,725
; FILING DATE: 07-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/479,783
; FILING DATE: 07-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/618,693
; FILING DATE: 20-MARCH-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3433
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 270:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; FEATURE:
; OTHER INFORMATION: All pyrimidines are 2'-NH2 m
US-08-973-124-270

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 2.3e+03;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3650 GGGAGAGAAATATACCCAGACC 3670
Db 1 GGGAGAGAAATATACCCAGACC 21

RESULT 2268
US-08-910-322-12/c
; Sequence 12, Application US/08910322
; Patent No. 6238669
; GENERAL INFORMATION:
; APPLICANT: NOTBORN, MATHEUS H.M.
; TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 SHERIDAN AVENUE, SUITE 400
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,322
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/484,939
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/NL91/00165
; FILING DATE: 12-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9002008
; FILING DATE: 12-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)328-4400
; TELEFAX: (650)328-4477
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-910-322-12

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 721 ATGAGTACACCCCTGT 737
Db 20 ATGAGTACACCCCTGT 4

RESULT 2269
US-08-910-322-13/c
; Sequence 13, Application US/08910322
; Patent No. 6238669
; GENERAL INFORMATION:

APPLICANT: NOTEBORN, MATHEUS H.M.
APPLICANT: DE BOER, GERDEN F.
TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: RAE-VENTER LAW GROUP
STREET: 260 SHERIDAN AVENUE, SUITE 400
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,322
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/484,939
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/NL91/00165
FILING DATE: 12-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL 9002008
FILING DATE: 12-SEP-1990
ATTORNEY/AGENT INFORMATION:
NAME: Rae-Venter, Barbara
REGISTRATION NUMBER: 32,750
REFERENCE/DOCKET NUMBER: VEOC.002.01US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)328-4400
TELEFAX: (650)328-4477
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-910-322-13

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 721 ATGAGGTACACCCCTGT 737
|||||
DB 20 ATGACGTACCCCTCT 4

RESULT 2270
US-09-231-240-28
Sequence 28, Application US/09231240
Patent No. 626346
GENERAL INFORMATION:
APPLICANT: BIRD, COLIN R
APPLICANT: FLETCHER, JONATHAN D
TITLE OF INVENTION: RIPENING-RELATED GENES FROM BANANA
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DABY AND CUSHMAN
STREET: 1100 NEW YORK AVENUE N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/231,240
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,598
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 223355/SHE50112/US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 861-3000
TELEFAX: 822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: PEACH
IMMEDIATE SOURCE:
CLONE: 3' PRIMER
US-09-231-240-28

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2022 TGGGAAAAAACCCTTCTA 2038
|||||
DB 4 TGGGAAGACACCTTCTA 20

RESULT 2271
US-08-943-731-396
Sequence 396, Application US/08943731
Patent No. 6265157
GENERAL INFORMATION:
APPLICANT: PROCKOP, DARWIN J.
APPLICANT: SPOTILA, LORETTA D.
APPLICANT: DELTAS, CONSTANTINOS D.
APPLICANT: SEREDA, LARISA
APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KOROKO, JARMO
APPLICANT: ALA-KOROKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
STREET: FLR.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997


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QY      721 ATGAGTACACCCCTGT 737
      ||| ||| ||| ||| |||
Db      20 ATGAGCTACCCCTGT 4

RESULT 2274
US-09-354-231B-21
; Sequence 21, Application US/09354231B
; Patent No. 6342658
; GENERAL INFORMATION:
; APPLICANT: DeBonte, Lorin R.
; APPLICANT: Shorosh, Basil S.
; TITLE OF INVENTION: FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF
; FILE REFERENCE: 07148-063002
; CURRENT APPLICATION NUMBER: US/09/354,231B
; CURRENT FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US 08/874,109
; PRIOR FILING DATE: 1997-06-12
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-354-231B-21

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      487 TATGATGAAAGAGAA 503
      ||| ||| ||| ||| |||
Db      3 TATGAAGCAAGAGAA 19

RESULT 2275
US-09-397-168-37/c
; Sequence 37, Application US/09397168
; Patent No. 6344323
; GENERAL INFORMATION:
; APPLICANT: Seifert, Wilfried
; TITLE OF INVENTION: INHIBITION OF COX-2 EXPRESSION BY ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 11151/002001
; CURRENT APPLICATION NUMBER: US/09/397,168
; CURRENT FILING DATE: 1999-09-16
; EARLIER APPLICATION NUMBER: US 60/100,590
; EARLIER FILING DATE: 1998-09-16
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated antisense oligonucleotides
US-09-397-168-37

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      266 AGCAGGTGTCACGCA 282
      ||| ||| ||| ||| |||
Db      19 AGCAGTGTTCACGACA 3

RESULT 2276
US-09-543-084A-5/c
; Sequence 5, Application US/09543084A
; Patent No. 6361988
; GENERAL INFORMATION:
```

```
; APPLICANT: Frances H. Arnold
; APPLICANT: Zhixin Shao
; APPLICANT: Huimin Zhao
; APPLICANT: Lorraine J. Giver
; TITLE OF INVENTION: Recombination of Polynucleotide
; TITLE OF INVENTION: Sequences Using Defined or Random Primer Sequences
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenheimer Wolfe & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 98
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/543,084A
; FILING DATE: April 4, 2000
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/381,935
; APPLICATION NUMBER: 60/041,666
; FILING DATE: March 25, 1997
; APPLICATION NUMBER: 60/045,211
; FILING DATE: April 30, 1997
; APPLICATION NUMBER: 60/046,256
; FILING DATE: May 12, 1997
; APPLICATION NUMBER: 08/905,359
; FILING DATE: August 4, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 330187-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-09-543-084A-5

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2067 CCACCCAGCCGATCT 2083
      ||| ||| ||| ||| |||
Db      21 CCGCCCGCCGATAGT 5

RESULT 2277
US-09-495-797-7
; Sequence 7, Application US/09495797
; Patent No. 6369296
; GENERAL INFORMATION:
; APPLICANT: Ratcliff, Frank G
; APPLICANT: Martin-Hernandez, Ana M
; APPLICANT: Baulcombe, David C
; TITLE OF INVENTION: Viral Vectors
; FILE REFERENCE: Newburn 43,047
; CURRENT APPLICATION NUMBER: US/09/495,797
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
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LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-495-797-7

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1933 AACATCTAGTCCACA 1949
Db 1 AACATCTCGCCCA 17

RESULT 2278
US-09-593-012-17
Sequence 17, Application US/09593012
Patent No. 6387652
GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
FILE REFERENCE: HAUGLAND-1A
CURRENT APPLICATION NUMBER: US/09/593,012
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: US 09/290,990
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: US 60/081,773
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Aspergillus flavus/oryzae
US-09-593-012-17

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 138 GAGTGTGGGTACTAG 154
Db 2 GAGTGTGGGTCTTAG 18

RESULT 2279
US-09-593-012-26
Sequence 26, Application US/09593012
Patent No. 6387652
GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
FILE REFERENCE: HAUGLAND-1A
CURRENT APPLICATION NUMBER: US/09/593,012
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: US 09/290,990
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: US 60/081,773
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 21
TYPE: DNA
ORGANISM: Aspergillus nomius
US-09-593-012-26

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 138 GAGTGTGGGTACTAG 154
Db 2 GAGTGTGGGTCTTAG 18

RESULT 2280
US-09-593-012-32
Sequence 32, Application US/09593012
Patent No. 6387652
GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
FILE REFERENCE: HAUGLAND-1A
CURRENT APPLICATION NUMBER: US/09/593,012
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: US 09/290,990
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: US 60/081,773
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 32
LENGTH: 21
TYPE: DNA
ORGANISM: Aspergillus parasiticus/scjæ
US-09-593-012-32

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 138 GAGTGTGGGTACTAG 154
Db 2 GAGTGTGGGTCTTAG 18

RESULT 2281
US-09-593-012-41
Sequence 41, Application US/09593012
Patent No. 6387652
GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
FILE REFERENCE: HAUGLAND-1A
CURRENT APPLICATION NUMBER: US/09/593,012
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: US 09/290,990
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: US 60/081,773
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Aspergillus tamarii
US-09-593-012-41

Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 138 GAGTGTGGGTACTAG 154
Db 2 GAGTGTGGGTCTTAG 18

RESULT 2282
US-09-099-053-24

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; Sequence 24, Application US/0909053
; Patent No. 6388063
; GENERAL INFORMATION:
; APPLICANT: Greg Plowman
; APPLICANT: Susan Onrust
; APPLICANT: David Marby
; APPLICANT: Sara Courtneidge
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: SAD RELATED DISORDERS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,053
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/049,914
; FILING DATE: June 18, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 235/121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-099-053-24

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      980 TCACCAAGGATCAG 996
Db      1 TCGCCAAGGATCAG 17

RESULT 2283
US-08-936-107A-26/c
; Sequence 26, Application US/08936107A
; Patent No. 6403306
; GENERAL INFORMATION:
; APPLICANT: Stephens, David S.
; APPLICANT: Swartley, John S.
; TITLE OF INVENTION: Serogroup-Specific Nucleotide Sequences
; TITLE OF INVENTION: In the Molecular Typing of Bacterial Isolates and the
; TITLE OF INVENTION: Preparation of Vaccines Thereof
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Wimer and Sullivan, P.C.
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: Colorado
; COUNTRY: US

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; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,107A
; FILING DATE: 23-SEP-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/827,622
; FILING DATE: 09-APR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Caruthers, Jennie M.
; REGISTRATION NUMBER: 34,464
; REFERENCE/DOCKET NUMBER: 77-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide."
; HYPOTHETICAL: NO
; US-08-936-107A-26

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2097 GGTAAGCGACCGGC 2113
Db      17 GGTAAGCGTACACGCGC 1

RESULT 2284
US-09-128-602B-21
; Sequence 21, Application US/09128602B
; Patent No. 6414223
; GENERAL INFORMATION:
; APPLICANT: Kodali, Dharna
; APPLICANT: Fan, Zhongong
; APPLICANT: DeBonte, Lorin R.
; TITLE OF INVENTION: PLANTS, SEEDS AND OILS HAVING AN ELEVATED TOTAL MONOUNSATURATED
; TITLE OF INVENTION: FATTY ACID CONTENT
; FILE REFERENCE: 07148-072001
; CURRENT APPLICATION NUMBER: US/09/128,602B
; CURRENT FILING DATE: 1998-08-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-09-128-602B-21

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Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      487 TATGATGAAAGAGAA 503
Db      3 TATGAAAGCAAGAGAA 19

RESULT 2285

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US-08-044-857D-94
; Sequence 94, Application US/08044857D
; Patent No. 6455288
; GENERAL INFORMATION:
; APPLICANT: Jakobovits, Edward B.
;       Silen, Joy L.
;       Levy, Mark J.
;       Goodman, Thomas C.
;       Becker, Martin
;       Caldwell, Robert M.
;       Bott, Richard R.
;       Barnett, Christopher C.
; TITLE OF INVENTION: Homogeneous Immunoassays Using Mutant
;       Glucose-6-Phosphate Dehydrogenases
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dade Behring Inc.
; STREET: 1717 Deerfield Road
; CITY: Deerfield
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60015
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/044,857D
; FILING DATE: 08-Apr-1993
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Ruzsala, Lois K.
; REGISTRATION NUMBER: 39,074
; REFERENCE/DOCKET NUMBER: BEH-7261
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (847) 267-5364
; TELEFAX: (847) 267-5376
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Leuconostoc mesenteroides
; STRAIN: ATCC 12291
; SEQUENCE DESCRIPTION: SEQ ID NO: 94:
US-08-044-857D-94

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2271 TGATGCTGCATCAAC 2287
DB      4 TGATGACTGCTTCAAC 20

RESULT 2286
US-08-044-857D-95/c
; Sequence 95, Application US/08044857D
; Patent No. 6455288
; GENERAL INFORMATION:
; APPLICANT: Jakobovits, Edward B.
;       Silen, Joy L.
;       Levy, Mark J.
;       Goodman, Thomas C.
;       Becker, Martin
;       Caldwell, Robert M.
```

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;       Bott, Richard R.
;       Barnett, Christopher C.
; TITLE OF INVENTION: Homogeneous Immunoassays Using Mutant
;       Glucose-6-Phosphate Dehydrogenases
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dade Behring Inc.
; STREET: 1717 Deerfield Road
; CITY: Deerfield
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60015
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/044,857D
; FILING DATE: 08-Apr-1993
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Ruzsala, Lois K.
; REGISTRATION NUMBER: 39,074
; REFERENCE/DOCKET NUMBER: BEH-7261
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (847) 267-5364
; TELEFAX: (847) 267-5376
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Leuconostoc mesenteroides
; STRAIN: ATCC 12291
; SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-08-044-857D-95

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2271 TGATGCTGCATCAAC 2287
DB      18 TGATGACTGCTTCAAC 2

RESULT 2287
US-08-912-951-211/c
; Sequence 211, Application US/08912951
; Patent No. 6475789
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Hartley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
;       THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
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1 CITY: San Francisco
2 STATE: California
3 COUNTRY: United States of America
4 ZIP: 94111
5
6 COMPUTER READABLE FORM:
7 MEDIUM TYPE: Floppy disk
8 COMPUTER: IBM PC compatible
9 OPERATING SYSTEM: PC-DOS/MS-DOS
10 SOFTWARE: Patentln Release #1.0, Version #1.30
11
12 CURRENT APPLICATION DATA:
13 APPLICATION NUMBER: US/08/912,951
14 FILING DATE: 14-AUG-1997
15 CLASSIFICATION: 435
16
17 PRIOR APPLICATION DATA:
18 APPLICATION NUMBER: US 08/854,050
19 FILING DATE: 09-MAY-1997
20 CLASSIFICATION: 435
21
22 PRIOR APPLICATION DATA:
23 APPLICATION NUMBER: US 08/846,017
24 FILING DATE: 25-APR-1997
25 CLASSIFICATION: 435
26
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US 08/724,643
29 FILING DATE: 01-OCT-1996
30 CLASSIFICATION: 435
31
32 ATTORNEY/AGENT INFORMATION:
33 NAME: Apple, Randolph T.
34 REGISTRATION NUMBER: 36,429
35 REFERENCE/DOCKET NUMBER: 015389-002600US
36
37 TELECOMMUNICATION INFORMATION:
38 TELEPHONE: (415) 576-0200
39 TELEFAX: (415) 576-0300
40
41 INFORMATION FOR SEQ ID NO: 212:
42 SEQUENCE CHARACTERISTICS:
43 LENGTH: 21 base pairs
44 TYPE: nucleic acid
45 STRANDEDNESS: single
46 TOPOLOGY: linear
47
48 MOLECULE TYPE: DNA
49
50 US-08-912-951-212
51
52 Query Match 0.2%; Score 13.8; DB 1; Length 21;
53 Best Local Similarity 88.2%; Pred. No. 2.3e+03;
54 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0
55
56 QY 6481 TGAATAGGCGAGCACT 6497
57 |||||
58 Db 18 TGAATGAGCGCAGCAGT 2
59
60 RESULT 2289
61 US-09-470-661A-15
62 Sequence 15, Application US/09470661A
63 Patent No. 6500662
64
65 GENERAL INFORMATION:
66 APPLICANT: Pfizer Products Inc.
67 TITLE OF INVENTION: AN INFECTIOUS CDNA CLONE OF NORTH AMERICAN PORCINE
68 TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS AND
69 TITLE OF INVENTION: USES THEREOF
70 FILE REFERENCE: PC10278A
71 CURRENT APPLICATION NUMBER: US/09/470,661A
72 CURRENT FILING DATE: 1999-12-22
73 NUMBER OF SEQ ID NOS: 45
74
75 SOFTWARE: Patentln Ver. 2.1
76 SEQ ID NO 15

```

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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer,
; OTHER INFORMATION: reverse strand, used for determining cDNA
; OTHER INFORMATION: corresponding to No. 650662th American PRRS virus genome.
US-09-470-661A-15
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Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      3810 GAGCTGCTGAGATGACA 3826
Db       2 GAGCGCTGGAGATGACA 18
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RESULT 2290
US-09-384-472-12/c
; Sequence 12, Application US/09384472
; Patent No. 6509446
; GENERAL INFORMATION:
; APPLICANT: NOTEBOEN, MATHEUS H.M.
; APPLICANT: DE BOER, GERDEN F.
; TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 SHERIDAN AVENUE, SUITE 400
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/384,472
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,939
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/030,335
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/NL91/00165
; FILING DATE: 12-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9002008
; FILING DATE: 12-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: VEOC.002.01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)328-4400
; TELEFAX: (650)328-4477
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-384-472-12
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Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      721 ATGAGTACACCCCTGT 737
Db       20 ATGAGTACACCCCTGT 4
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RESULT 2291
US-09-384-472-13/c
; Sequence 13, Application US/09384472
; Patent No. 6509446
; GENERAL INFORMATION:
; APPLICANT: NOTEBOEN, MATHEUS H.M.
; APPLICANT: DE BOER, GERDEN F.
; TITLE OF INVENTION: CLONING OF CHICKEN ANEMIA DNA
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 SHERIDAN AVENUE, SUITE 400
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/384,472
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,939
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/030,335
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/NL91/00165
; FILING DATE: 12-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9002008
; FILING DATE: 12-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: VEOC.002.01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)328-4400
; TELEFAX: (650)328-4477
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-384-472-13
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Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```

QY      721 ATGAGTACACCCCTGT 737
Db       20 ATGAGTACACCCCTGT 4
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RESULT 2292
US-09-422-978-7896/c
; Sequence 7896, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
```

```
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7896
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-12535 for SEQ 31, in complement
US-09-422-978-7896

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 TCACTCTTGCTTCTTT 3934
Db 18 TCACCTCTTGACTTCTGT 2

RESULT 2293
US-09-422-978-8974
; Sequence 8974, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8974
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-20511 for SEQ 1109, in complement
US-09-422-978-8974

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4140 ACTGTGTACTGATTTG 4156
Db 3 ACTGTGTCTGATTTG 19

RESULT 2294
US-09-422-978-9102/c
; Sequence 9102, Application US/09422978

; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9102
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-22192 for SEQ 1237, in complement
US-09-422-978-9102

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4028 GAGAAACCAATGTTA 4044
Db 21 GAGAAACCAATGTTA 5

RESULT 2295
US-09-422-978-9319/c
; Sequence 9319, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9319
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-24727 for SEQ 1454, in complement
US-09-422-978-9319

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7067 TTGTGTGATGACCTGA 7083
Db 20 TCTGTGATGACCTGA 4
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RESULT 2296
US-09-422-978-11523/c
; Sequence 11523, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11523
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9089 for SEQ 3658, in compleme
US-09-422-978-11523

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5319 TCTCTTTTCTCTCTT 5335
DB      17 TCTCTTTTCTCTCTCT 1

RESULT 2297
US-09-422-978-11631/c
; Sequence 11631, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11631
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11872 for SEQ 3766, in complet
US-09-422-978-11631

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1214 ATACTACTTCCCTTA 1230
DB      11 TTTTCTTTCTCTCTCT 11
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```
DB      18 ATACTACTTCCCTTA 2

RESULT 2298
US-09-460-548B-15/c
; Sequence 15, Application US/09460548B
; Patent No. 6555342
; GENERAL INFORMATION:
; APPLICANT: Kappee, John C.
; APPLICANT: Wu, Xiaoyun
; TITLE OF INVENTION: Fusion protein Delivery System and Uses
; FILE REFERENCE: 44276/209375
; CURRENT APPLICATION NUMBER: US/09/460,548B
; CURRENT FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: 09/089,900
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 08/947,516
; PRIOR FILING DATE: 1997-09-29
; PRIOR APPLICATION NUMBER: 08/421,982
; PRIOR FILING DATE: 1995-04-14
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: fusion junctions of the pLR2P-vpr1CAT plasmid
US-09-460-548B-15

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1375 TTGATCCCATCATCA 1391
DB      19 TTGATCCCATCATCTA 3

RESULT 2299
US-09-402-181B-444/c
; Sequence 444, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-Oct-1996
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/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/851,843
/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/911,312
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/912,951
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/915,503
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: WO PCT/US97/17885
/ FILING DATE: 01-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Auehhus, Scott L.
/ REGISTRATION NUMBER: 42,271
/ REFERENCE/DOCKET NUMBER: 015389-002620US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 444:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..21
/ OTHER INFORMATION: /note= "TCPI.73 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 444:
US-09-402-181B-444

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6481 TGAATAGGCGCAGCT 6497
Db      18 TGAATAGGCGCAGCT 2

RESULT 2300
US-09-721-456-444/c
/ Sequence 444, Application US/09721456
/ Patent No. 6617110
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/      Lingner, Joachim
/      Nakamura, Toru
/      Chapman, Karen B.
/      Morin, Gregg B.
/      Harley, Calvin B.
/      Andrews, William H.
/ TITLE OF INVENTION: Human Telomerase Catalytic Subunit
/ NUMBER OF SEQUENCES: 727
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSER: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
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/ APPLICATION NUMBER: US/09/721,456
/ FILING DATE: 22-NOV-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/974,549A
/ FILING DATE: 19-NOV-1997
/ APPLICATION NUMBER: US 08/724,643
/ FILING DATE: 01-OCT-1996
/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/851,843
/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/911,312
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/912,951
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/915,503
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: WO PCT/US97/17818
/ FILING DATE: 01-OCT-1997
/ APPLICATION NUMBER: WO PCT/US97/17885
/ FILING DATE: 01-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph Ted
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 444:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..21
/ OTHER INFORMATION: /note= "TCPI.73 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 444:
US-09-721-456-444

Query Match      0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6481 TGAATAGGCGCAGCT 6497
Db      18 TGAATAGGCGCAGCT 2

RESULT 2301
US-09-674-826B-11/c
/ Sequence 11, Application US/09674826B
/ Patent No. 6638735
/ GENERAL INFORMATION:
/ APPLICANT: Doosan Corporation
/ APPLICANT: Korea Institute of Science and Technology
/ TITLE OF INVENTION: Plasmid for gene expression in Pichia ciferri and
/ TITLE OF INVENTION: transformation method using the same
/ FILE REFERENCE: PCT-981031
/ CURRENT APPLICATION NUMBER: US/09/674,826B
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 11
/ LENGTH: 21
/ TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer CH-F
US-09-674-8268-11

Query Match
Best Local Similarity 88.2%; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3160 AAGCTGTTAGTTTG 3176
Db 20 AAAAGTGTGTTGTTG 4

RESULT 2302
US-09-503-653A-47/c
; Sequence 47, Application US/09503653A
; Patent No. 664199
; GENERAL INFORMATION:
; APPLICANT: Mezes, Peter S
; APPLICANT: Gourile, Brian B
; APPLICANT: Rixon, Mark W
; APPLICANT: Anderson, WH Kerr
; APPLICANT: Kaplan, Donald A
; APPLICANT: Schlom, Jeffrey
; TITLE OF INVENTION: Probing Method for Identifying Antibodies
; FILE REFERENCE: 3707SH-CIP1
; CURRENT APPLICATION NUMBER: US/09/503,653A
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: US 08/040,687
; PRIOR FILING DATE: 1993-03-31
; PRIOR APPLICATION NUMBER: US 07/424,362
; PRIOR FILING DATE: 1989-10-19
; PRIOR APPLICATION NUMBER: US 07/261,942
; PRIOR FILING DATE: 1988-10-24
; PRIOR APPLICATION NUMBER: US 07/259,943
; PRIOR FILING DATE: 1988-10-19
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: MICROSOFT word 97 SR-2
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: Oligo WHATNG IVS(+*)
US-09-503-653A-47

Query Match
Best Local Similarity 88.2%; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3027 CTGGCCCTGACCCACT 3043
Db 21 CAGGCCCTGACTCCTACT 5

RESULT 2303
US-09-503-653A-48
; Sequence 48, Application US/09503653A
; Patent No. 664199
; GENERAL INFORMATION:
; APPLICANT: Mezes, Peter S
; APPLICANT: Gourile, Brian B
; APPLICANT: Rixon, Mark W
; APPLICANT: Anderson, WH Kerr
; APPLICANT: Kaplan, Donald A
; APPLICANT: Schlom, Jeffrey
; TITLE OF INVENTION: Probing Method for Identifying Antibodies
; FILE REFERENCE: 3707SH-CIP1
```

```
; CURRENT APPLICATION NUMBER: US/09/503,653A
; CURRENT FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: US 08/040,687
; PRIOR FILING DATE: 1993-03-31
; PRIOR APPLICATION NUMBER: US 07/424,362
; PRIOR FILING DATE: 1989-10-19
; PRIOR APPLICATION NUMBER: US 07/261,942
; PRIOR FILING DATE: 1988-10-24
; PRIOR APPLICATION NUMBER: US 07/259,943
; PRIOR FILING DATE: 1988-10-19
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: MICROSOFT word 97 SR-2
; SEQ ID NO 48
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: Oligo WHATNG IVS(-)
US-09-503-653A-48

Query Match
Best Local Similarity 88.2%; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3027 CTGGCCCTGACCCACT 3043
Db 1 CAGGCCCTGACTCCTACT 17

RESULT 2304
US-09-995-297-21
; Sequence 21, Application US/09995297
; Patent No. 6649782
; GENERAL INFORMATION:
; APPLICANT: Kodali, Dharna
; APPLICANT: Pan, Zhong
; APPLICANT: Debonte, Lorin R.
; TITLE OF INVENTION: PLANTS, SEEDS AND OILS HAVING AN ELEVATED TOTAL MONOUNSATURATED
; FILE REFERENCE: 07148-072002
; CURRENT APPLICATION NUMBER: US/09/995,297
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: US 09/128,602
; PRIOR FILING DATE: 1998-08-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-995-297-21

Query Match
Best Local Similarity 88.2%; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 487 TATGATGAAGAAGAA 503
Db 3 TATGAAGCAAGAAGAA 19

RESULT 2305
US-09-382-552-221
; Sequence 221, Application US/09382552
; Patent No. 6673909
; GENERAL INFORMATION:
; APPLICANT: Brown, Jr., Robert H.
; APPLICANT: Liu, Jing
; APPLICANT: Aoki, Masashi
```

```
; APPLICANT: Ho, Meng
; APPLICANT: Matsuda-Abeada, Chie
; TITLE OF INVENTION: DYSPERLIN, A GENE MUTATED IN DISTAL MYOPATHY AND LIMB
; FILE REFERENCE: 00786/399002
; CURRENT APPLICATION NUMBER: US/09/382,552
; CURRENT FILING DATE: 1999-08-25
; EARLIER APPLICATION NUMBER: US 60/097,927
; EARLIER FILING DATE: 1998-08-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 221
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-382-552-221

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6920 CTTAGAGCTCTGCGCTG 6936
DB      4 CTCAGAGCTCTGCGCTG 20

RESULT 2306
PCT-US94-03437-94
; Sequence 94, Application PC/TUS9403437
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: HOMOGENEOUS IMMUNOASSAYS USING MUTANT
; TITLE OF INVENTION: GLUCOSE-6-PHOSPHATE DEHYDROGENASES
; NUMBER OF SEQUENCES: 124
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/03437
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Leuconostoc mesenteroides
; STRAIN: ATCC 12291
PCT-US94-03437-94

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2271 TGATGCTGCATCAAC 2287
DB      4 TGATGACTGCTTCAAC 20
```

```
; TITLE OF INVENTION: GLUCOSE-6-PHOSPHATE DEHYDROGENASES
; NUMBER OF SEQUENCES: 124
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/03437
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Leuconostoc mesenteroides
; STRAIN: ATCC 12291
PCT-US94-03437-95

Query Match          0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2271 TGATGCTGCATCAAC 2287
DB      18 TGATGACTGCTTCAAC 2

RESULT 2308
PCT-US94-09963A-9
; Sequence 9, Application PC/TUS9409963A
; GENERAL INFORMATION:
; TITLE OF INVENTION: MULTI-UNIT RIBOZYME
; TITLE OF INVENTION: INHIBITION OF ONCOGENE EXPRESSION
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seidel, Gonda, Lavorgna
; STREET: Two Penn Center Plaza, Suite 1800
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09963A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 122,795
; FILING DATE: 15 September 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8363
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
```

! TOPOLOGY: linear
PCT-US94-09963A-9
Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2539 GAGCTCCAGATCCGTGAC 2555
DB 2 GAGCTGCGAGTGTGAC 18
RESULT 2309
PCT-US96-08014-270
! Sequence 270, Application PC/TUS9608014
! GENERAL INFORMATION:
! APPLICANT: LARRY GOLD; NEBOUSA JANJIC; STEVEN RINGQUIST; NIKOS
! TITLE OF INVENTION: HIGH AFFINITY OLIGONUCLEOTIDE
! TITLE OF INVENTION: LIGANDS TO TRANSFORMING GROWTH
! TITLE OF INVENTION: FACTOR (TGF), PLATELET-DERIVED
! TITLE OF INVENTION: GROWTH FACTOR (PDGF) AND HUMAN
! TITLE OF INVENTION: KEROTINOCYTE GROWTH FACTOR (hKGF)
! NUMBER OF SEQUENCES: 304
! CORRESPONDENCE ADDRESS:
! ADDRESSEE: Swanson & Bratschun, L.L.C.
! STREET: 8400 E. Prentice Avenue, Suite 200
! CITY: Englewood
! STATE: Colorado
! COUNTRY: USA
! ZIP: 80111
! COMPUTER READABLE FORM:
! MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
! COMPUTER: IBM compatible
! OPERATING SYSTEM: MS-DOS
! SOFTWARE: Wordperfect 6.1
! CURRENT APPLICATION DATA:
! APPLICATION NUMBER: PCT/US96/08014
! FILING DATE:
! CLASSIFICATION:
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 08/458,423
! FILING DATE: 02-JUNE-1995
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 08/458,424
! FILING DATE: 02-JUNE-1995
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 08/465,594
! FILING DATE: 05-JUNE-1995
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 08/465,591
! FILING DATE: 05-JUNE-1995
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 08/479,725
! FILING DATE: 07-JUNE-1995
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 08/479,783
! FILING DATE: 07-JUNE-1995
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 08/618,693
! FILING DATE: 20-MARCH-1996
! ATTORNEY/AGENT INFORMATION:
! NAME: Barry J. Swanson
! REGISTRATION NUMBER: 33,215
! REFERENCE/DOCKET NUMBER:
! TELECOMMUNICATION INFORMATION:
! TELEPHONE: (303) 793-3333
! TELEFAX: (303) 793-3433
! INFORMATION FOR SEQ ID NO: 270:
! SEQUENCE CHARACTERISTICS:
! LENGTH: 21 base pairs
! TYPE: nucleic acid
! STRANDEDNESS: single

! TOPOLOGY: linear
! MOLECULE TYPE: RNA
! FEATURE: 2'-NH2
! OTHER INFORMATION: All pyrimidines are 2'-NH2 modified
PCT-US96-08014-270
Query Match 0.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 2.3e+03;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
QY 3650 GGGAGAGAAATATCCCGACGCC 3670
DB 1 GGGAGAGAAATATCCCGACGCC 21
RESULT 2310
US-08-200-807-3
! Sequence 3, Application US/08200807
! Patent No. 5573939
! GENERAL INFORMATION:
! APPLICANT: B vik, Claes Olof, Eriksson, Ulf
! TITLE OF INVENTION: Isolated Protein Receptors, Antibodies which
! TITLE OF INVENTION: bind thereto, Nucleic Acid Sequence Coding
! Patent No. 5573939
! TITLE OF INVENTION: Therefore, And Uses Thereof
! NUMBER OF SEQUENCES: 5
! CORRESPONDENCE ADDRESS:
! ADDRESSEE: Felle & Lynch
! STREET: 805 Third Avenue
! CITY: New York City
! STATE: New York
! COUNTRY: USA
! ZIP: 10022
! COMPUTER READABLE FORM:
! MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
! COMPUTER: IBM PS/2
! OPERATING SYSTEM: PC-DOS
! SOFTWARE: Wordperfect
! CURRENT APPLICATION DATA:
! APPLICATION NUMBER: US/08/200,807
! FILING DATE:
! CLASSIFICATION: 435
! PRIOR APPLICATION DATA:
! APPLICATION NUMBER: 07/883,539
! FILING DATE: 15-MAY-1992
! ATTORNEY/AGENT INFORMATION:
! NAME: Hanson, No. 5573939man D.
! REGISTRATION NUMBER: 30,946
! REFERENCE/DOCKET NUMBER: IUD 280
! TELECOMMUNICATION INFORMATION:
! TELEPHONE: (212) 688-9200
! TELEFAX: (212) 838-3884
! INFORMATION FOR SEQ ID NO: 3:
! SEQUENCE CHARACTERISTICS:
! LENGTH: 24 bases
! TYPE: nucleic acid
! STRANDEDNESS: single
! TOPOLOGY: linear
! MOLECULE TYPE: CDNA to mRNA
! HYPOTHEICAL: no
! ANTI-SENSE: no
US-08-200-807-3
Query Match 0.2%; Score 13.8; DB 1; Length 24;
Best Local Similarity 88.2%; Pred. No. 2.7e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1014 CACCCACTGTGACGAGA 1030
DB 2 CACCCACTGTGACGAGA 18
RESULT 2311

US-08-488-305A-3
; Sequence 3, Application US/08488305A
; Patent No. 5679772
; GENERAL INFORMATION:
; APPLICANT: B Vik, Claes Olof, Eriksson, Ulf, Peterson, Per A.
; TITLE OF INVENTION: Isolated Protein Receptors, Antibodies Which
; TITLE OF INVENTION: bind Thereof, Nucleic Acid Sequence Coding
; Patent No. 5679772
; TITLE OF INVENTION: Therefor, And Uses Thereof
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felle & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 kb storage
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,305A
; FILING DATE: 7-JUNE-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohl, Vineet
; REGISTRATION NUMBER: 37,003
; REFERENCE/DOCKET NUMBER: LUD 5280.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: no
; ANTI-SENSE: no
; US-08-488-305A-3

Query Match 0.2%; Score 13.8; DB 1; Length 24;
Best Local Similarity 88.2%; Pred. No. 2.7e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1014 CACCACGTGTGACAGA 1030
DB 2 CACCACGTGTGACAGA 18

RESULT 2312
US-08-227-476-5
; Sequence 5, Application US/08227476
; Patent No. 6498025
; GENERAL INFORMATION:
; APPLICANT: Miller, Jeffrey E.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CDNA
; TITLE OF INVENTION: SYNTHESIS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gray, Cary, Ames & Ftye
; STREET: 401 B Street, Suite 1700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-4297
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/227,476
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/989,851
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Weseman, James C.
; REGISTRATION NUMBER: 30,507
; REFERENCE/DOCKET NUMBER: P0023US0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 699-3604
; TELEFAX: (619) 236-1048
; TELEX: 910-335-1273
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; US-08-227-476-5

Query Match 0.2%; Score 13.8; DB 1; Length 29;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 5412 AAGAAATATAAAGCAAGAAATCAG 5436
DB 3 AAAAAAAAAAAAAAAAAAAGAACCCG 27

RESULT 2313
US-08-480-784-41/c
; Sequence 41, Application US/08480784
; Patent No. 5693473
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldger, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shattuck-Eidens, Donna M.
; APPLICANT: Tavligian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
; TITLE OF INVENTION: Susceptibility Gene
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,784
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,305
; FILING DATE: 24-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-480-784-41

Query Match 0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4008 GTCTAAATGAGAAAAAGAGAA 4032

DB 28 GTCTCAAAAAAAAAAAAAAGTA 4

RESULT 2314
US-08-483-553-41/c
Sequence 41, Application US/08483553
Patent No. 5709999
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Hareham, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,553
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-483-553-41

Query Match 0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4008 GTCTAAATGAGAAAAAGAGAA 4032

DB 28 GTCTCAAAAAAAAAAAAAAGTA 4

RESULT 2315
US-08-487-002-41/c
Sequence 41, Application US/08487002
Patent No. 5710001
GENERAL INFORMATION:
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Simard, Jacques
APPLICANT: Emi, Mitsuru
APPLICANT: Nakamura, Yusuke
APPLICANT: Durocher, Francine
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,002
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-08-487-002-41
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```

Query Match          0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
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QY      4008 GTCATAAATGAGAAAAAGAGAGAA 4032
Db      28 GTCACAAAAAAGAAAAAAGTA 4
```

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RESULT 2316
US-08-483-554B-41/C
; Sequence 41, Application US/08483554B
; Patent No. 5747282
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shattuck-Eidens, Donna M.
; APPLICANT: Tavitgian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: 17g-Linked Breast and Ovarian Cancer
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,554B
; FILING DATE: 07-JUN-1995
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; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,305
; FILING DATE: 24-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-08-483-554B-41
```

```

Query Match          0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
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QY      4008 GTCATAAATGAGAAAAAGAGAGAA 4032
Db      28 GTCACAAAAAAGAAAAAAGTA 4
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RESULT 2317
US-08-488-011B-41/C
; Sequence 41, Application US/08488011B
; Patent No. 5753441
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shattuck-Eidens, Donna M.
; APPLICANT: Tavitgian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: 17g-Linked Breast and Ovarian Cancer
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,011B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347-09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-488-011B-41

Query Match 0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4008 GTCCTAAATGAGAAAAAGAGAGA 4032
DB 28 GTCCTCAAAAAAAAAAAAAAGTA 4

RESULT 2318
US-08-850-727-41/c
Sequence 41, Application US/08850727
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harehman, Kelch D.
APPLICANT: Shattuck-Bidens, Donna M.
APPLICANT: Tavrigian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/850,727
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,554
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-850-727-41

Query Match 0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4008 GTCCTAAATGAGAAAAAGAGAGA 4032
DB 28 GTCCTCAAAAAAAAAAAAAAGTA 4

RESULT 2319
PCT-US95-10202-41/c
Sequence 41, Application PC/TUS9510202
GENERAL INFORMATION:
APPLICANT: Shattuck-Bidens, Donna M.
APPLICANT: Simard, Jacques
APPLICANT: Eml, Mitsuru
APPLICANT: Nakamura, Yunque
APPLICANT: Durocher, Francine
TITLE OF INVENTION: In Vivo Mutations and Polymorphisms
TITLE OF INVENTION: In the 17q-Linked Breast and Ovarian Cancer
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10202
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,305
; FILING DATE: 24-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08-308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PCT-US95-10202-41

Query Match 0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4008 GTCTAAATGAGAAAAAGAGAGAA 4032
DB 28 GTCTCAAAAAAAAAAAAAAGTA 4

RESULT 2320
PCT-US95-10203-41/C
; Sequence 41, Application PC/TUS9510203
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shatluck-Eldens, Donna M.
; APPLICANT: Tavligian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer
; TITLE OF SEQUENCES: Susceptibility Gene
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
```

```

; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10203
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,305
; FILING DATE: 24-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08-308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PCT-US95-10203-41

Query Match 0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4008 GTCTAAATGAGAAAAAGAGAGAA 4032
DB 28 GTCTCAAAAAAAAAAAAAAGTA 4

RESULT 2321
PCT-US95-10220-41/C
; Sequence 41, Application PC/TUS9510220
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shatluck-Eldens, Donna M.
; APPLICANT: Tavligian, Sean V.
; APPLICANT: Wiseman, Roger W.
```

APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: Method for Diagnosing a
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10220
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08-308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PCT-US95-10220-41

Query Match 0.2%; Score 13.8; DB 1; Length 30;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4008 GTCTAAATGAGAGAGAGAGAA 4032
DB 28 GTCTCAAAAAAAAAAAAAAGTA 4

RESULT 2322
US-08-465-384-4/C
Sequence 4, Application US/08465384
Patent No. 5637464
GENERAL INFORMATION:
APPLICANT: Cohen, Aharon S., Alexei
APPLICANT: Belenky, and Maria Vilenchik

TITLE OF INVENTION: Method of Detecting Sub-PPB Levels of
TITLE OF INVENTION: Oligonucleotides in Biological Fluids
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,384
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-011
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-465-384-4

Query Match 0.2%; Score 13.8; DB 1; Length 33;
Best Local Similarity 72.0%; Pred. No. 3.2e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAGAGAGAGATGT 4042
DB 33 AAAAAAAAAAAAAAAAAAACTCT 9

RESULT 2323
US-08-146-504-16/C
Sequence 16, Application US/08146504
Patent No. 5605662
GENERAL INFORMATION:
APPLICANT: Heller, Michael J., and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
TITLE OF INVENTION: DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. 5605662ember 1, 1993
CLASSIFICATION: 435

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/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: none
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marbury, Richard J.
/ REGISTRATION NUMBER: 32,327
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-146-504-16

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 2324
US-08-379-593-5/c
/ Sequence 5, Application US/08379593
/ Patent No. 5849480
/ GENERAL INFORMATION:
/ APPLICANT: Cros, Philippe
/ APPLICANT: Kurfurst, Robin
/ APPLICANT: Battail, Nicole
/ APPLICANT: Piga, Nadia
/ TITLE OF INVENTION: HAPTEN ASSAY DEVICE AND USE THEREOF
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Oliff & BERRIDGE
/ STREET: 700 South Washington Street, Suite 300
/ City: Alexandria
/ STATE: Virginia
/ COUNTRY: USA
/ ZIP: 22314
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" floppy disk, 1.44M storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/379,593
/ FILING DATE: 02-FEB-1995
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Berridge, William P.
/ REGISTRATION NUMBER: 30,024
/ REFERENCE/DOCKET NUMBER: WPB 36056
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-836-6400
/ TELEFAX: 703-836-2787
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "SYNTHETIC DNA"
/ FEATURE:
```

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/ OTHER INFORMATION: consists of nucleosides with an alpha anomer and carries
/ US-08-379-593-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 2325
US-08-725-976-16/c
/ Sequence 16, Application US/08725976
/ Patent No. 5929208
/ GENERAL INFORMATION:
/ APPLICANT: Heller, Michael J. and Tu, Eugene
/ TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ City: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: WINDOWS (VERSION 3.0)
/ SOFTWARE: Wordperfect (Version 6.0)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/725,976
/ FILING DATE: October 4, 1996
/ CLASSIFICATION: 422
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/146,504
/ FILING DATE: No. 5929208ember 1, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Murphy, David B.
/ REGISTRATION NUMBER: 31,125
/ REFERENCE/DOCKET NUMBER: 222/211
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-725-976-16

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 2326
US-08-997-080-83
/ Sequence 83, Application US/08997080
/ Patent No. 5968524
/ GENERAL INFORMATION:
/ APPLICANT: WATSON, JAMES D.
/ APPLICANT: TAN, PAUL L.J.
```

TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,080
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1007
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-08-997-080-83

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 2337
US-08-997-362-83
Sequence 83, Application US/08997362
Patent No. 5985287
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Hiya, Jun
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Scott, Linda
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,362
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970
FILING DATE: June 12, 1997
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347
FILING DATE: August 29, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-08-997-362-83

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 2328
US-08-965-780-1/c
Sequence 1, Application US/08965780
Patent No. 5986084
GENERAL INFORMATION:
APPLICANT: Pitsch, Stefan
APPLICANT: Weiss, Patrick A.
APPLICANT: Jenny, Luzi
TITLE OF INVENTION: RIBONUCLEOSIDE-DERIVATIVE AND METHOD FOR
TITLE OF INVENTION: PREPARING THE SAME
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: KUBOVCIK & KUBOVCIK
STREET: 900 17th Street, N.W., Suite 990
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/965,780
FILING DATE: 07-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 01931/97
FILING DATE: 18-AUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Kubovcik, Ronald J.
REGISTRATION NUMBER: 25,401
REFERENCE/DOCKET NUMBER: FREI-002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-887-9023
TELEFAX: 202-887-9093
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligoribonucleotide"
US-08-965-780-1

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 2329
US-08-873-970-83
Sequence 83, Application US/08873970
Patent No. 6001361
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Miyama, Jun
APPLICANT: Wieser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Scott, Linda
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/873,970
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-08-873-970-83

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4020 AAAAAAGAGAAACAAA 4039

DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 2330
US-08-765-340-96/C
Sequence 96, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.,
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 31130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-96

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 2331
US-09-095-855-83
Sequence 83, Application US/09095855
Patent No. 6160093
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Wieser, Elizabeth
APPLICANT: Skinner, Margot

```

; APPLICANT: Prestidge, Rose
; TITLE OF INVENTION: Compounds and Methods for
; TITLE OF INVENTION: Treatment and Diagnosis of Mycobacterial Infections
; NUMBER OF SEQUENCES: 208
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/095,855
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/705,347
; FILING DATE: 29-AUG-1996
; APPLICATION NUMBER: 08/873,970
; FILING DATE: 12-JUN-1997
; APPLICATION NUMBER: 08/997,362
; FILING DATE: 23-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-09-095-855-83

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGACAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2332
US-09-407-675-1
; Sequence 1, Application US/09407675
; Patent No. 6169176
; GENERAL INFORMATION:
; APPLICANT: Brucice, Thomas C.
; APPLICANT: Atya, Dev P.
; TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIUREA COMPOUNDS AND USES THEREOF
; FILE REFERENCE: 30448.65US02
; CURRENT APPLICATION NUMBER: US/09/407,675
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 09/347,443
; PRIOR FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: 60/091,481
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/111,800
; PRIOR FILING DATE: 1998-12-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligo 1
; US-09-407-675-1

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGACAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2333
US-09-250-075-1/c
; Sequence 1, Application US/09250075
; Patent No. 6207819
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A
; TITLE OF INVENTION: Compound Processes And Intermediates For Synthesis Of
; TITLE OF INVENTION: Mixed Backbone Oligomeric Compounds
; FILE REFERENCE: ISIS3299
; CURRENT APPLICATION NUMBER: US/09/250,075
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6207819e1
; OTHER INFORMATION: Sequence
; US-09-250-075-1

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGACAAACAAA 4039
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2334
US-09-173-936B-14/c
; Sequence 14, Application US/09173936B
; Patent No. 6238865
; GENERAL INFORMATION:
; APPLICANT: Zhen, Huang; Szostak, Jack W.
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
; Terminal
; OF RNA Using DNA Polymerase and a Synthetic Template with D
; Nucleotides
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cohen, Pontani, Lieberman & Pavane
; STREET: 551 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10176
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch Diskette
; COMPUTER: IBM-MS
; OPERATING SYSTEM: Window 95
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; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/173,936B
; FILING DATE: 16-Oct-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/063,757
; FILING DATE: 17-OCT-1997
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-173-936B-14

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 2335
US-09-454-704A-13
; Sequence 13, Application US/09454704A
; Patent No. 6274321
; GENERAL INFORMATION:
; APPLICANT: Blumberg, Bruce
; TITLE OF INVENTION: High Throughput Functional Screening of
; FILE REFERENCE: P-UC 3662
; CURRENT APPLICATION NUMBER: US/09/454,704A
; CURRENT FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CDNA
US-09-454-704A-13

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 2336
US-09-324-542-83
; Sequence 83, Application US/09324542
; Patent No. 6328978
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; FILE REFERENCE: 11000.1007c1
; CURRENT APPLICATION NUMBER: US/09/324,542
; CURRENT FILING DATE: 1999-06-02
; EARLIER APPLICATION NUMBER: US 08/997,080
; EARLIER FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-324-542-83

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 2337
US-09-205-426-83
; Sequence 83, Application US/09205426
; Patent No. 6406704
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L. J.
; TITLE OF INVENTION: Compounds and Methods for Treatment and
; FILE REFERENCE: 11000.1002c4
; CURRENT APPLICATION NUMBER: US/09/205,426
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: 09/095,855
; EARLIER FILING DATE: 1998-06-11
; EARLIER APPLICATION NUMBER: 08/997,362
; EARLIER FILING DATE: 1997-12-23
; EARLIER APPLICATION NUMBER: 08/873,970
; EARLIER FILING DATE: 1997-06-12
; EARLIER APPLICATION NUMBER: 08/705,347
; EARLIER FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-205-426-83

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 2338
US-09-619-103-26
; Sequence 26, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
```



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; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-26
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4020 AAAAAAGAGAGAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

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RESULT 2339
US-09-726-096A-1/c
; Sequence 1, Application US/09726096A
; Patent No. 6462184
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds And Intermediates For Synthesis Of Mixed Back
```

```
; FILE REFERENCE: ISI4528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-09-726-096A-1
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4020 AAAAAAGAGAGAAAACAAA 4039
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 2340

```
US-09-603-830-55
; Sequence 55, Application US/09603830
; Patent No. 6505564
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 4149-1-1-1-1
; CURRENT APPLICATION NUMBER: US/09/603,830
; CURRENT FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
US-09-603-830-55
; Sequence 55, Application US/09603830
; Patent No. 6505564
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 4149-1-1-1-1
; CURRENT APPLICATION NUMBER: US/09/603,830
; CURRENT FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 09/240,755
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; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-603-830-55
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```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4020 AAAAAAGAGAGAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

RESULT 2341

```
US-09-976-978A-55
; Sequence 55, Application US/09976978A
; Patent No. 6532097
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,978A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-978A-55
```

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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy      4020 AAAAAAGAGAGAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 2342
US-09-344-260A-10/c
; Sequence 10, Application US/09344260A
; Patent No. 6576752
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Lomborg, Harri
; APPLICANT: Salo, Harri
; APPLICANT: Virta, Pasi
; TITLE OF INVENTION: Aminoxy Functionalized Oligomers
; FILE REFERENCE: ISIS-3508
; CURRENT APPLICATION NUMBER: US/09/344,260A
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6576752el Sequence
US-09-344-260A-10

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2343
US-09-961-949A-55
; Sequence 55, Application US/09961949A
; Patent No. 6582921
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-961-949A-55
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2344
US-09-966-491A-55
; Sequence 55, Application US/09966491A
; Patent No. 6610491
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT APPLICATION NUMBER: US/09/966,491A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-491A-55

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2345
US-09-957-313A-55
; Sequence 55, Application US/09957313A
; Patent No. 6645721
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
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; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-313A-55

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2346
US-09-966-312-55
; Sequence 55, Application US/09966312
; Patent No. 6673548
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-55

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2347
US-09-975-062A-55
; Sequence 55, Application US/09975062A
; Patent No. 6677122
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-062A-55

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2348
US-09-976-971A-55
; Sequence 55, Application US/09976971A
; Patent No. 6682895
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
```

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/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-976-971A-55

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 2349
PCT-US93-07603-6
/ Sequence 6, Application PC/TUS9307603
/ GENERAL INFORMATION:
/ APPLICANT:
/ TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT
/ NUMBER OF SEQUENCES: 14
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
/ STREET: 600 Atlantic Avenue
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: United States of America
/ ZIP: 02210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US93/07603
/ FILING DATE: 19930813
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/930,087
/ FILING DATE: 14-AUG-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Gates, Edward R.
/ REGISTRATION NUMBER: 31,616
/ REFERENCE/DOCKET NUMBER: M0636/7007WO
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-720-3500
/ TELEFAX: 617-720-2441
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid
/ DESCRIPTION: Synthetic RNA oligonucleotide.
/ HYPOTHETICAL: NO
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```
/ ANTI-SENSE: NO
PCT-US93-07603-6

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 2350
US-09-808-358-18
/ Sequence 18, Application US/09808358
/ Patent No. 6562955
/ GENERAL INFORMATION:
/ APPLICANT: TOSOH Corporation
/ TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
/ TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
/ FILE REFERENCE: 200-2496
/ CURRENT APPLICATION NUMBER: US/09/808,358
/ CURRENT FILING DATE: 2001-03-15
/ NUMBER OF SEQ ID NOS: 48
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide capable of binding specifically to tcd2 or
US-09-808-358-18

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6165 ATGGACATTAAGAAAGA 6184
Db      1 ATGGATTAATAATTAATGA 20

RESULT 2351
US-09-808-358-44
/ Sequence 44, Application US/09808358
/ Patent No. 6562955
/ GENERAL INFORMATION:
/ APPLICANT: TOSOH Corporation
/ TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
/ TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
/ FILE REFERENCE: 200-2496
/ CURRENT APPLICATION NUMBER: US/09/808,358
/ CURRENT FILING DATE: 2001-03-15
/ NUMBER OF SEQ ID NOS: 48
/ SEQ ID NO 44
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer
US-09-808-358-44

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6165 ATGGACATTAAGAAAGA 6184
Db      1 ATGGATTAATAATTAATGA 20
```

```

RESULT 2352
US-07-752-101A-27/C
; Sequence 27, Application US/07752101A
; Patent No. 5326857
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Fumi-ichiro
; APPLICANT: White, Thayer
; APPLICANT: Hakomori, Sen-ichiro
; APPLICANT: Clausen, Henrik
; TITLE OF INVENTION: ABO GENOTYPING
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/752,101A
; FILING DATE: 19910829
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sharkey, Richard G.
; REGISTRATION NUMBER: 32,629
; REFERENCE/DOCKET NUMBER: 150036.406C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; TELEX: 3723836
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; US-07-752-101A-27

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 59 ACGGAGGCTGGCGGCGCGC 78
Db 20 ACGGCGGCTGGCGGAGCGC 1

RESULT 2353
US-08-036-217-5/C
; Sequence 5, Application US/08036217
; Patent No. 5364773
; GENERAL INFORMATION:
; APPLICANT: Proietti, Enzo
; APPLICANT: Perkins, Marion E.
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE STRAIN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: William S. Frommer, Esq.
; ADDRESS: c/o Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/036,217
; FILING DATE: 19930324
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/666,056
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25506
; REFERENCE/DOCKET NUMBER: 454310-2290
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-840-3333
; TELEFAX: 212-840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-036-217-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTATTACTTA 6444
Db 20 GCGCGCGCTTAATTACTTA 1

RESULT 2354
US-07-641-143B-3
; Sequence 3, Application US/07641143B
; Patent No. 5436000
; GENERAL INFORMATION:
; APPLICANT: Barbour, Alan G.
; APPLICANT: Bundoc, Virgilio
; TITLE OF INVENTION: Flagella-less Borrelia
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/641,143B
; FILING DATE: 11-JAN-1991
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Paterson, Melinda
; REGISTRATION NUMBER: 33,062
; REFERENCE/DOCKET NUMBER: UTSK092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-787-1592
; TELEFAX: 713-789-2679
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid

```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-641-143B-3

Query Match
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7402 GCACGACATCGCGCG 7421
DB 1 GCCGCGCATCATCAGAG 20

RESULT 2355
US-08-004-552-1
; Sequence 1, Application US/08004552
; Patent No. 5482836
; GENERAL INFORMATION:
; APPLICANT: Cantor, Charles R.
; APPLICANT: Ito, Takashi
; APPLICANT: Smith, Cassandra L.
; TITLE OF INVENTION: DNA PURIFICATION BY TRIPLEX-AFFINITY
; TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Karen S. Smith
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: CA 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/004,552
; FILING DATE: 19930114
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Karen S.
; REGISTRATION NUMBER: 31,426
; REFERENCE/DOCKET NUMBER: A-57666/KSS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..20
; OTHER INFORMATION: /note= "B7C-20 Oligonucleotide,
; OTHER INFORMATION: biotinylated at 5'-end."
US-08-004-552-1

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGGCTCACTTC 5346
DB 1 TCTCTCTCTCTCTCTCTC 20

RESULT 2356
US-08-105-483-5/c
```

```
; Sequence 5, Application US/08105483
; Patent No. 5494807
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Curtis, Morris & Safford
; ADDRESSER: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/105,483
; FILING DATE: 12-AUG-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-105-483-5

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCCTCTATTAGCTAA 6444
DB 20 GCGGCGCCTAATTAATA 1

RESULT 2357
US-08-073-962-21/c
; Sequence 21, Application US/08073962
; Patent No. 5503834
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Taylor, Jill
; TITLE OF INVENTION: MEASLES VIRUS RECOMBINANT POXVIRUS
; TITLE OF INVENTION: VACCINE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Curtis, Morris & Safford
; ADDRESSER: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/073,962
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/776,867
FILING DATE: 22-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2370
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-073-962-21

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCTCTATTAGCTAA 6444
DB 20 GCGGCGCCTATTACTAA 1

RESULT 2358
US-07-714-687-5/c
Sequence 5, Application US/07714687
Patent No. 5514375
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Pincus, Steven E.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXYVIRUSVACCINE
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/714,687
FILING DATE: 19910613
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/567960
FILING DATE: 15-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/711429
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2310
TELEPHONE: (212)840-3333
TELEFAX: (212)840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-714-687-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCTCTATTAGCTAA 6444
DB 20 GCGGCGCCTATTACTAA 1

RESULT 2359
US-08-150-331-26
Sequence 26, Application US/08150331
Patent No. 5516512
GENERAL INFORMATION:
APPLICANT: DORSSERS J., LAMBERTUS C.
APPLICANT: VAN LEBEN, ROBERT W.
TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/150,331
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/651,437
FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 24615-20010.20
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-150-331-26

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 224 GACCTCGGAGCAGCTGCG 243
DB 1 GATCTCTGACAGAGCGCG 20

RESULT 2360
US-08-220-151-28/c
Sequence 28, Application US/08220151
Patent No. 5529780
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo

APPLICANT: Limbach, Keith J.
TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
TITLE OF INVENTION: CANINE HERPESVIRUS 9B, 9C AND 9D AND USES THEREFOR
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/220,151
FILING DATE: 30-MAR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2540
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066 CURTMS
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-220-151-28

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6425 GTGGCTCTATTAGCTTA 6444
Db 20 GCGGCCGCTATTACTAA 1

RESULT 2361
US-08-281-082A-2/c
Sequence 2, Application US/08281082A
Patent No. 5563050
GENERAL INFORMATION:
APPLICANT: Peyman, Anuschirwan
APPLICANT: Uhlmann, Eugen
APPLICANT: Metzschmar, Gerhard
APPLICANT: Heilsberg, Mathias
APPLICANT: Winkler, Irvin
TITLE OF INVENTION: No. 5563050e1 Anti-Sense Oligonucleotides
TITLE OF INVENTION: Against HSV-1, and Their Preparation
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSER: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: IBM PC floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,082A
FILING DATE: 27-JUL-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Einaudi, Carol P.
REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02481.1393-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-281-082A-2

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4262 CCTCCTGCACTGCTCTGC 4281
Db 20 CCTCCTGCACTGCTCTGC 1

RESULT 2362
US-08-242-664-36/c
Sequence 36, Application US/08242664
Patent No. 5571937
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,664
FILING DATE: May 12, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-242-664-36

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5741 CCGTTTCCTTATTCACGC 5760
DB 20 CCTCTCTCTTATTCCTTC 1

RESULT 2363

US-07-665-960A-13/c
Sequence 13, Application US/07665960A

Patent No. 5578443

GENERAL INFORMATION:

APPLICANT: Santamaría, Pedro

APPLICANT: Boyce-Jacino, Michael T.

APPLICANT: Barbosa, Jose J.

APPLICANT: Rich, Stephen S.

APPLICANT: Fares, Anthony J.

TITLE OF INVENTION: DNA Sequence-Based HLA Typing

TITLE OF INVENTION: Method

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: Merchant & Gould

STREET: 3100 No. 5578443west Center

CITY: Minneapolis

STATE: Minnesota

COUNTRY: USA

ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 720 Kb.

COMPUTER: No. 5578443chgate 386

OPERATING SYSTEM: DOS 4.0

SOFTWARE: Wordperfect-5.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/665,960A

FILING DATE: 19910306

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Kowalchuk, Alan W.

REGISTRATION NUMBER: 31,535

REFERENCE/DOCKET NUMBER: 600,190-US-01

TELECOMMUNICATION INFORMATION:

TELEPHONE: (612) 332-5300

TELEFAX: (612) 332-9081

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Genomic DNA

ANTI-SENSE: Yes

FRAGMENT TYPE: Internal Fragment

ORIGINAL SOURCE: Synthetically Derived

FEATURE:

NAME/KEY: Oligonucleotide primer DRB12

LOCATION: Anneals to codons 87 to 94 of the

LOCATION: DRB1, DRB3, DRB4 and DRB5 transcripts of HLA

LOCATION: class II

US-07-665-960A-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1611 GAACCTCAGACGACGCTGC 1630

DB 20 GAGCTTCAGAGTGACGCGC 1

RESULT 2364

US-07-955-718-9/c

Sequence 9, Application US/07955718

Patent No. 5580767

GENERAL INFORMATION:

APPLICANT: Cowsett, Lex M

APPLICANT: Ecker, David J

TITLE OF INVENTION: Inhibition of Influenza Viruses

NUMBER OF SEQUENCES: 41

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jane Massey Licata, Esq.

STREET: 210 Lake Drive East, Suite 201

CITY: Cherry Hill

STATE: NJ

COUNTRY: USA

ZIP: 08002

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM 486

OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/955,718

FILING DATE: September 22, 1992

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US91/05742

FILING DATE: August 13, 1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/567,287

FILING DATE: August 14, 1990

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS-0382

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400

TELEFAX: (609) 779-8488

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-07-955-718-9

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7288 CTGTGTCATTGTTGCC 7307

DB 20 CTTATTCGTCGTTGCC 1

RESULT 2365

US-07-955-718-11/c

Sequence 11, Application US/07955718

Patent No. 5580767

GENERAL INFORMATION:

APPLICANT: Cowsett, Lex M

APPLICANT: Ecker, David J

TITLE OF INVENTION: Inhibition of Influenza Viruses

NUMBER OF SEQUENCES: 41

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jane Massey Licata, Esq.

STREET: 210 Lake Drive East, Suite 201

CITY: Cherry Hill

STATE: NJ

COUNTRY: USA

ZIP: 08002

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM 486

```
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/955,718
FILING DATE: September 22, 1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05742
FILING DATE: August 13, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,287
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0382
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-07-955-718-11
```

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```
Qy 7288 CTTGTTGCATTGTTGCC 7307
Db 20 CTTATTCCGTTGTTCCC 1
```

```
RESULT 2366
US-08-379-081B-353/C
Sequence 353, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 353:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
```

```
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida glabrata
IMMEDIATE SOURCE:
CLONE: YSSCRMAS
US-08-379-081B-353
```

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```
Qy 371 ACCACTACGAGTGACATC 390
Db 20 ACCTTAGAAGTGACAC 1
```

```
RESULT 2367
US-08-124-290-3
Sequence 3, Application US/08124290
Patent No. 5585102
GENERAL INFORMATION:
APPLICANT: Barbour, Alan G.
APPLICANT: Bundoc, Virgilio
TITLE OF INVENTION: Flagella-less Borrelia
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/124,290
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/641,143
FILING DATE: 11-JAN-1991
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Paterson, Melinda
REGISTRATION NUMBER: 33,062
REFERENCE/DOCKET NUMBER: UTSK092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-787-1592
TELEFAX: 713-787-2679
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-124-290-3
```

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```
Qy 7402 GCAAGCAATCAGCAGAG 7421
Db 1 GCAGCAATCAGCAGAG 20
```

RESULT 2368
US-08-349-696-17/c
Sequence 17, Application US/08349696
Patent No. 559871
GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Lanneau, Christopher J
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: Human Adenosine Receptors
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000
CITY: Rahway
STATE: NJ
COUNTRY: United States
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh iic
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/349,696
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: us/08/005945
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Meredith, Roy D.
REGISTRATION NUMBER: 30,777
REFERENCE/DOCKET NUMBER: 186991A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-4678
TELEFAX: (908)594-4720
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-349-696-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6206 GAATTGATTAAGGTGGG 6225
DB 20 GAACCTGCTCAAAAGGTGG 1

RESULT 2369
US-08-587-209-8
Sequence 8, Application US/08587209
Patent No. 5612473
GENERAL INFORMATION:
APPLICANT: Wu, Linxian
APPLICANT: Coombs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Glass, Michael J.
TITLE OF INVENTION: Methods and Apparatus for Preparing, Amplifying,
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: David O. Seeley, Esq.
ADDRESSEE: Workman, Nydegger & Seeley
STREET: 1000 Eagle Gate Tower

STREET: 60 East South Temple
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb Storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/587,209
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-587-209-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 GCCCCTAGTATCTTAAG 3494
DB 1 GCCCCAGTATCTCAATTAAG 20

RESULT 2370
US-08-384-490-7/c
Sequence 7, Application US/08384490
Patent No. 5618711
GENERAL INFORMATION:
APPLICANT: Gelfand, David H.
APPLICANT: Lawyer, Frances C.
APPLICANT: Stoffel, Susanne
TITLE OF INVENTION: Recombinant Expression Vectors and
TITLE OF INVENTION: Purification Methods for Thermophilus DNA
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,490
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/148,133
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8887
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-384-490-7

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 637 CATGAGGCCCTGTCAGCG 656
DB 20 CATGTGGCGCAGACGCGG 1

RESULT 2371
US-08-106-802-13/C
Sequence 13, Application US/08106802
Patent No. 5629149
GENERAL INFORMATION:
APPLICANT: Santamaria, Pedro
APPLICANT: Boyce-Jacino, Michael T.
APPLICANT: Barbosa, Jose J.
APPLICANT: Rich, Stephen S.
APPLICANT: Farab, Anthony J.
TITLE OF INVENTION: DNA Sequence-Based HLA Typing
TITLE OF INVENTION: Method
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5629149west Center
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 720 Kb.
COMPUTER: PC/XT/AT or compatible
OPERATING SYSTEM: MS-DOS 3.30
SOFTWARE: ASCII
SOFTWARE: Wordperfect 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/106.802
FILING DATE: 16-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/833,668
FILING DATE: 18-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Kowalchuk, Alan W.
REGISTRATION NUMBER: 31,535
REFERENCE/DOCKET NUMBER: 600.243-US-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 332-5300
TELEFAX: (612) 332-9081
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Genomic DNA
ANTI-SENSE: Yes
FRAGMENT TYPE: Internal Fragment
ORIGINAL SOURCE: Synthetically Derived
FEATURE:
NAME/KEY: Oligonucleotide Primer DRB12
LOCATION: Anneals to codons 87 to 94 of the
LOCATION: DRB1, DRB3, DRB4 and DRB5 transcripts of HLA
LOCATION: class II
US-08-106-802-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1611 GAACTTCACAGCAGCTGC 1630
DB 20 GAGCTTCACAGTGCAGCGGC 1

RESULT 2372
US-08-379-078-353/C
Sequence 353, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 353:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida glabrata
IMMEDIATE SOURCE:
CLONE: YSSCRMAS
US-08-379-078-353

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 371 ACCACTACGAGGTGACATC 390
DB 20 ACCTCTAAGAGTGCACAC 1

RESULT 2373
US-08-502-185-13
Sequence 13, Application US/08502185
Patent No. 5639736
GENERAL INFORMATION:

APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,185
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-502-185-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3009 CACCCCATCTTGTCACATCT 3028

Db 1 CGCCTCGCTTGTTCACATCT 20

RESULT 2374
US-08-502-185-25
Sequence 25, Application US/08502185
Patent No. 5639736
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,185
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-502-185-25

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2404 GGGACCACTGAGACCA 2423

Db 1 GGGACCACTGAGACAGAAA 20

RESULT 2375
US-08-398-945-13
Sequence 13, Application US/08398945
Patent No. 5639872
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/398,945
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-398-945-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3009 CACCCATCTTGTCACTCT 3028
DB 1 CGCCTCGGCTGTGTCACTCT 20
RESULT 2376
US-08-398-945-25
Sequence 25, Application US/08398945
Patent No. 5639872
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESSES:
ADDRESSES: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/398,945
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kermer, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY2-031CTP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-398-945-25
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 2404 GGGACCACTGTGACACCA 2423
DB 1 GGGACCACTGTGACACCA 20
RESULT 2377
US-08-233-009-17/c
Sequence 17, Application US/08233009
Patent No. 5646156
GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: INHIBITION OF EOSINOPHIL
TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESSES:
ADDRESSES: Merck & Co., Inc.
STREET: P.O.Box 2000
CITY: Rahway
STATE: New Jersey

COUNTRY: United States
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,009
FILING DATE: 25-APR-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Benzen, Gerard H
REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: 19219
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3901
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-233-009-17
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 6206 GAATTGATAATAAAGTGGG 6225
DB 20 GAATTGCTCAAAAGTGGG 1
RESULT 2378
US-08-261-822A-55/c
Sequence 55, Application US/08261822A
Patent No. 5650553
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph R. et al.
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESSES:
ADDRESSES: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/261,822A
FILING DATE: 17-JUN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-261-822A-55

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6074 CTGCTTCTTTTCTCTTAC 6093
Db 20 CTGAGCTTCTCTCTTCC 1

RESULT 2379
US-08-484-138-36/C
Sequence 36, Application US/08484138
Patent No. 5652350
GENERAL INFORMATION:
APPLICANT: Matanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSER: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44MB
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,138
FILING DATE: June 7, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-Z/JPM/MJG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-484-138-36

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5741 CCCTTCTTCTTCTCTC 5760
Db 20 CCTTCTTCTTCTTCTC 1

RESULT 2380
US-08-501-779-13
Sequence 13, Application US/08501779
Patent No. 5661135
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.

TITLE OF INVENTION: Human VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,779
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPDV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1100
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-779-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3009 CACCCATCTTCACATCT 3028
Db 1 CGCCTCGCTTCACATCT 20

RESULT 2381
US-08-501-779-25
Sequence 25, Application US/08501779
Patent No. 5661135
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,779
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise

REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY2-031CPDV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-779-25

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2404 GGGACCAAGTGACCA 2423
DB 1 GGGACCAAGTGACCA 20

RESULT 2382
US-08-195-152-8/c
Sequence 8, Application US/08195152
Patent No. 5679541
GENERAL INFORMATION:
APPLICANT: Bonini, Nancy M.
APPLICANT: Leiserson, William M.
APPLICANT: Benzer, Seymour
TITLE OF INVENTION: PROGRAMMED CELL DEATH ANTAGONIST
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Honbach, Test, Albritton & Herbert
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/195.152
FILING DATE: 14-FEB-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Treccartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-59551/RFT/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
US-08-195-152-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 6895 CTCCTCCTACTACTCAT 6914

DB 20 CTCCTCCTACTACTCCT 1

RESULT 2383
US-08-363-585-38/c
Sequence 38, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
APPLICANT: Trucco, Massimo
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Cohen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
ANTI-SENSE: YES
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 38: 1 to 20
US-08-363-585-38

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1610 AGAATTCAAGACCAAGCTG 1629
DB 20 AGAATTCAAGACCAAGCTG 1

RESULT 2384
US-08-363-585-40/c
Sequence 40, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESSES:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
CLASSIFICATION: 435
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
ANTI-SENSE: yes
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasaizuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 40: 1 to 20
US-08-363-585-40
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAAGCTTCACAGACGACGCTG 1629
DB 20 AGAGCTTCACAGTCGACGCG 1

RESULT 2385
US-08-363-585-42/c
Sequence 42, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESSES:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
CLASSIFICATION: 435
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
ANTI-SENSE: yes
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasaizuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 42: 1 to 20
US-08-363-585-42
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

GENERAL INFORMATION:
APPLICANT: Rudert, William A.
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESSES:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
CLASSIFICATION: 435
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
ANTI-SENSE: yes
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasaizuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 42: 1 to 20
US-08-363-585-42
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAAGCTTCACAGACGACGCTG 1629
DB 20 AGAGCTTCACAGTCGACGCG 1

RESULT 2386
US-08-363-585-44/c
Sequence 44, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESSES:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
CLASSIFICATION: 435
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
ANTI-SENSE: yes
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasaizuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 44: 1 to 20
US-08-363-585-44
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

1 TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
2 TITLE OF INVENTION: Dot Blots
3 NUMBER OF SEQUENCES: 112
4 CORRESPONDENCE ADDRESSES:
5 ADDRESSEE: University of Pittsburgh
6 STREET: Office of Intellectual Property
7 STREET: 911 William Pitt Union
8 CITY: Pittsburgh
9 STATE: Pennsylvania
10 COUNTRY: USA
11 ZIP: 15260
12 COMPUTER READABLE FORM:
13 MEDIUM TYPE: 5-1/4" low density diskette
14 COMPUTER: IBM PC or compatibles
15 OPERATING SYSTEM: MS-DOS
16 SOFTWARE: ASCII
17 CURRENT APPLICATION DATA:
18 APPLICATION NUMBER: US/08/363,585
19 FILING DATE:
20 CLASSIFICATION: 435
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: US/07/786,228
23 FILING DATE: 31-OCT-1991
24 ATTORNEY/AGENT INFORMATION:
25 NAME: Frederick H. Cohen; Mary-Elizabeth Buckles
26 REGISTRATION NUMBER: 28,061; 31,907
27 REFERENCE/DOCKET NUMBER: 92-232
28 TELECOMMUNICATION INFORMATION:
29 TELEPHONE: 412/288-4164
30 TELEFAX: 412/288-3063
31 TELEX: 277871
32 INFORMATION FOR SEQ ID NO: 44:
33 SEQUENCE CHARACTERISTICS:
34 LENGTH: 20 nucleotides
35 TYPE: nucleic acid
36 STRANDEDNESS: single
37 TOPOLOGY: linear
38 MOLECULE TYPE: genomic DNA
39 ANTI-SENSE: yes
40 PUBLICATION INFORMATION:
41 AUTHORS: Kimura, A.
42 TITLE: Eleventh International Histocompatibility
43 TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
44 JOURNAL: HLA 1991
45 VOLUME: 1
46 PAGES: 397-419
47 DATE: 1992
48 RELEVANT RESIDUES IN SEQ ID NO: 44: 1 to 20
49 US-08-363-585-44
50
51 Query Match 0.2%; Score 13.6; DB 1; Length 20;
52 Best Local Similarity 80.0%; Pred.No. 2.3e+03;
53 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0,
54
55 Cy 1610 AGAAGCTTCACGACGAGCTG 1629
56 ||| ||||| |||||
57 Db 20 AGAGCTTCACGAGCTGCGCG 1
58
59 RESULT 2387
60 US-08-363-585-46/c
61 Sequence 46, Application US/08363585
62 Patent No. 5683872
63 GENERAL INFORMATION:
64 APPLICANT: Rudert, William A.
65 APPLICANT: Trucco, Massimo
66 TITLE OF INVENTION: Polymers of Oligonucleotide Probes
67 TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
68 TITLE OF INVENTION: Dot Blots
69 NUMBER OF SEQUENCES: 112
70 CORRESPONDENCE ADDRESSES:

```

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ADDRESS: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
ANTI-SENSE: Yes
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
US-08-363-585-46
RELEVANT RESIDUES IN SEQ ID NO: 46: 1 to 20
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2,36+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0.
QY 1610 AGAAGCTTCACAGACCAGCTG 1629
DB 20 AGAGCTTCACAGTCACAGCG 1
RESULT 2388
US-08-356-287-23/C
Sequence 23, Application US/08356287
Patent No. 5686272
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
APPLICANT: Joann Sustache
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES USING
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois

```

COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,287
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Yabger
REGISTRATION NUMBER: 37,477
REFERENCE/DOCKET NUMBER: 5172.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-2341
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)
US-08-356-287-23

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3359 AGATTTTAATGCTTTTG 3378
DB 20 AGATTTTAATGCTCTCTG 1

RESULT 2389
US-08-413-118-28/C
Sequence 28, Application US/08413118
Patent No. 5688920
GENERAL INFORMATION:
APPLICANT: PAOLETTI, ENZO
APPLICANT: LIMBACH, KEITH J.
TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
TITLE OF INVENTION: CANINE HERPESVIRUS gb, gc, and gd AND USES THEREFOR
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
STREET: 530 FIFTH AVENUE, 25TH FLOOR
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: UNITED STATES OF AMERICA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/413,118
FILING DATE: 29-MAR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/220,151
FILING DATE: 30-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: FROMMER, WILLIAM S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2670
TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-413-118-28

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GGGCCCTCTATTACTTAA 6444
DB 20 GGGCCGCTTAATTACTTAA 1

RESULT 2390
US-08-271-880A-172
Sequence 172, Application US/08271880A
Patent No. 5693535
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwiggan
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,880A
FILING DATE: July 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
FILING DATE: 67-3510
INFORMATION FOR SEQ ID NO: 172:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-271-880A-172

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.0%; Pred. No. 2.3e+03;
Matches 11; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

OY 3822 TGACAGCCCGCTTC 3841
DB 1 UGACAGCCCGCTTC 20

RESULT 2391
US-08-271-880A-189
; Sequence 189, Application US/08271880A
; Patent No. 5693535
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowitra
; APPLICANT: James McSwigen
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; TITLE OF INVENTION: REPLICATION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,880A
; FILING DATE: July 7, 1994
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 189:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-271-880A-189

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.0%; Pred. No. 2.3e+03;
Matches 11; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

OY 3822 TGACAGCCCGCTTC 3841
DB 1 UGACAGCCCGCTTC 20

RESULT 2392
US-08-535-230A-4/C
; Sequence 4, Application US/08535230A
; Patent No. 5707847
; GENERAL INFORMATION:
; APPLICANT: Christgau, Stephan
; APPLICANT: Kofod, Lene Kofod
; APPLICANT: Andersen, Lene No. 5707847boe
; APPLICANT: Kauppinen, Sakari
; APPLICANT: Heldt-Hansen, Hans Peter
; APPLICANT: Budolfsen, Gitte
; APPLICANT: Dalboe, Henrik
; TITLE OF INVENTION: An Enzyme Exhibiting Pectin
; TITLE OF INVENTION: Methylsterase
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5707847o No. 5707847disk of No. 5707847th America, Inc.
; STREET: 405 Lexington Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,230A
; FILING DATE: 02-NOV-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Valeta, Gregg A
; REGISTRATION NUMBER: 35,127
; REFERENCE/DOCKET NUMBER: 3667.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-535-230A-4

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 573 AGGAGAGATGACCTTTA 592
DB 20 AGTATGATGACCTTTA 1

RESULT 2393
US-08-501-713-13
; Sequence 13, Application US/08501713
; Patent No. 5710136
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lapin & Kusner
; STREET: 200 State Street
; CITY: Boston

STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,713
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-713-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3009 CAGCCCATCTGTGCACATCT 3028
DB 1 CGCCTCGCCTGTGCACATCT 20

RESULT 2394
US-08-501-713-25
Sequence 25, Application US/08501713
Patent No. 5710136
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Laplin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,713
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300

TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-713-25

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2404 GGGACCACTGAGACAGCA 2423
DB 1 GGGACCACTGAGACAGCA 20

RESULT 2395
US-08-117-083-2/c
Sequence 2, Application US/08117083
Patent No. 5719054
GENERAL INFORMATION:
APPLICANT: Boursnell, Michael E.
APPLICANT: Ingile, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors Encoding Human
TITLE OF INVENTION: Papilloma Virus Proteins
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSER: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-58783
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
FILING DATE:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-117-083-2

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5467 CTCTGATTTTGTGTAATA 5486
DB 20 CTCTGATTTTGTGTAATA 1

RESULT 2396
US-08-378-860-13
Sequence 13, Application US/08378860
Patent No. 5731294
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Laddin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,860
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Keener, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-378-860-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3009 CACCCCATCTGTGCACATCT 3028
Db 1 CGCCCGGCTGTGCACATCT 20

RESULT 2397
US-08-378-860-25
Sequence 25, Application US/08378860
Patent No. 5731294
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Laddin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts

COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,860
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Keener, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-378-860-25

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2404 GGCACCACTGTGACACCA 2423
Db 1 GGCACCACTGTGACACCA 20

RESULT 2398
US-08-689-236-8
Sequence 8, Application US/08689236
Patent No. 5738995
GENERAL INFORMATION:
APPLICANT: Wu, Linxian
APPLICANT: Combs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Glass, Michael J.
TITLE OF INVENTION: Methods and Apparatus for
TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: David O. Seeley, Esq.
ADDRESSEE: Workman, Nydegger & Seeley
STREET: 1000 Eagle Gate Tower
STREET: 60 East South Temple
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Kb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,236
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-689-236-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 GCCCCTAGTAATTAAGG 3494
DB 1 GCCCCAGTATTCATTAAG 20

RESULT 2399

US-08-459-383-7/c
Sequence 7, Application US/08459383
Patent No. 5741690
GENERAL INFORMATION:
APPLICANT: Gelfand, David H.
APPLICANT: Lawyer, Frances C.
APPLICANT: Scofield, Susanne
TITLE OF INVENTION: Recombinant Expression Vectors and
TITLE OF INVENTION: Purification Methods for Thermophilus DNA
NUMBER OF INVENTIONS: 31
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,383
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/384,490
FILING DATE:
APPLICATION NUMBER: US/08/146,133
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8887
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-459-383-7

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 637 CATGAGCCCTGTGACGCG 656
DB 20 CATGTGGCCAGACACGCG 1

RESULT 2400

US-08-224-391-5/c
Sequence 5, Application US/08224391

Patent No. 5741410
GENERAL INFORMATION:
APPLICANT: Paolletti, Enzo
APPLICANT: Pincus, Steven B.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtiss, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/224,391
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/729,800
FILING DATE: 17-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2340
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-224-391-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGACCTCCTATTAGCTAA 6444
DB 20 GCGCGCCGCTATTATTA 1

RESULT 2401

US-08-484-304-5/c
Sequence 5, Application US/08484304
Patent No. 5741411
GENERAL INFORMATION:
APPLICANT: Paolletti, Enzo
APPLICANT: Pincus, Steven B.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtiss, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,304
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION NUMBER: US/08/224,391
FILING DATE:
APPLICATION NUMBER: US 07/729,800
FILING DATE: 17-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2340
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-484-304-5

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6425 GTGGCTCTATTAGCTAA 6444
DB      20 GCGGCCGCTATTACTTAA 1

RESULT 2402
US-08-689-235-8
Sequence 8, Application US/08689235
Patent No. 5753444
GENERAL INFORMATION:
APPLICANT: Wu, Linxian
APPLICANT: Coombs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Glaes, Michael J.
TITLE OF INVENTION: Methods and Apparatus for
TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analyses
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSER: David O. Sealey, Esq.
ADDRESSER: Workman, Nydegger & Sealey
STREET: 1000 Eagle Gate Tower
STREET: 60 East South Temple
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,235
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-689-235-8
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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3475 GCGCCGTACTACTAAG 3494
DB      1 GCGCCGATGATCAATAAG 20

RESULT 2403
US-08-224-657-5/c
Sequence 5, Application US/08224657
Patent No. 5756102
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Taylor, Jill
TITLE OF INVENTION: FOXVIRUS - CANINE DISTEMPER VIRUS (CDV)
TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
TITLE OF INVENTION: RECOMBINANTS
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSER: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/224,657
FILING DATE: 06-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2550
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TEXT: 425066 CURTIS
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-224-657-5

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6425 GTGGCTCTATTAGCTAA 6444
DB      20 GCGGCCGCTATTACTTAA 1

RESULT 2404
US-08-692-725-8
Sequence 8, Application US/08692725
Patent No. 5756701
GENERAL INFORMATION:
APPLICANT: Wu, Linxian
APPLICANT: Coombs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Glaes, Michael J.
```


TITLE OF INVENTION: Methode and Apparatus for
TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analyses
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: David O. Sealey, Esq.
STREET: 1000 Eagle Gate Tower
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/692,725
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-692-725-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 GCCCCTAGTAATCTTAAGC 3494
DB 1 GCCCCAGTAATCCATTAAG 20

RESULT 2405
US-08-475-063-5/c
Sequence 5, Application US/08475063
Patent No. 5759553
GENERAL INFORMATION:
APPLICANT: Paolletti, Enzo
APPLICANT: Taylor, Jill
APPLICANT: Tartaglia, James
APPLICANT: Rose, Louis
TITLE OF INVENTION: Marek's Disease Virus Recombinant
TITLE OF INVENTION: Poxvirus Vaccine
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,063
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/207,792
FILING DATE:
APPLICATION NUMBER: US 08/001,391

FILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2480
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-475-063-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCTCTATTACTTA 6444
DB 20 GCGCGCCTATTACTTA 1

RESULT 2406
US-08-207-792-5/c
Sequence 5, Application US/08207792
Patent No. 5759556
GENERAL INFORMATION:
APPLICANT: Paolletti, Enzo
APPLICANT: Taylor, Jill
APPLICANT: Tartaglia, James
APPLICANT: Rose, Louis
TITLE OF INVENTION: Marek's Disease Virus Recombinant
TITLE OF INVENTION: Poxvirus Vaccine
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/207,792
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/001,391
FILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2480
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-207-792-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6425 GTGGCCTCTATTAGCTAA 6444
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GGGCGCGCTATTACTAA 1

RESULT 2407
US-08-487-412-21/c
; Sequence 21, Application US/08487412
; Patent No. 5759841
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Taylor, Jill
; TITLE OF INVENTION: MEASLES VIRUS RECOMBINANT POXVIRUS
; TITLE OF INVENTION: VACCINE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,412
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/776,867
; FILING DATE: 22-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2370
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-487-412-21

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6425 GTGGCCTCTATTAGCTAA 6444
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GGGCGCGCTATTACTAA 1

RESULT 2408
US-08-709-209-5/c
; Sequence 5, Application US/08709209
; Patent No. 5762938
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford

ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,209
; FILING DATE: 21-AUG-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/105,483
; FILING DATE: 12-AUG-1993
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-709-209-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6425 GTGGCCTCTATTAGCTAA 6444
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GGGCGCGCTATTACTAA 1

RESULT 2409
US-08-257-073-1/c
; Sequence 1, Application US/08257073
; Patent No. 5766597
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: de Taisne, Charles
; APPLICANT: Tine, John A.
; TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th Floor
; CITY: New York
; STATE: New York
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257,073
; FILING DATE: 09-JUN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/075,783
; FILING DATE: 11-JUN-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,305
FILING DATE: 18-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/672,183
FILING DATE: 20-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2570
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066 CURTMS
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-257-073-1

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCTCCTATTAGCTAA 6444
DB 20 GCGGCCGCTTAATTACTAA 1

RESULT 2410
US-08-303-275-5/c
Sequence 5, Application US/08303275
Patent No. 5765598
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: IMMUNODEFICIENCY VIRUS RECOMBINANT
TITLE OF INVENTION: POXVIRUS VACCINE
NUMBER OF SEQUENCES: 205
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,275
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/897,382
FILING DATE: 11-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-303-275-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCTCCTATTAGCTAA 6444
DB 20 GCGGCCGCTTAATTACTAA 1

RESULT 2411
US-08-458-101-5/c
Sequence 5, Application US/08458101
Patent No. 5765599
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Perkus, Marion E.
APPLICANT: Taylor, Jill
APPLICANT: Tartaglia, James
APPLICANT: No. 5765599ton, Elizabeth K.
APPLICANT: Riviere, Michel
APPLICANT: de Talsene, Charles
APPLICANT: Limbach, Keith J.
APPLICANT: Johnson, Gerard P.
APPLICANT: Pincus, Steven E.
APPLICANT: Cox, William I.
APPLICANT: Audonnet, Jean-Christophe Francis
APPLICANT: Gettig, Russell Robert
TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
TITLE OF INVENTION: STRAIN
NUMBER OF SEQUENCES: 467
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,101
FILING DATE: 01-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2740
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-458-101-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCTCCTATTAGCTAA 6444
DB 20 GCGGCCGCTTAATTACTAA 1

```
RESULT 2412
US-08-753-147-70
; Sequence 70, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESS: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-753-147-70

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      505 ATTACTGTCACGACT 524
Db      1 ATGTGAGATGACGACT 20

RESULT 2413
US-08-531-556-116
; Sequence 116, Application US/08531556
; Patent No. 5776682
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, Alexander I
; APPLICANT: Kent First, Marijo
; APPLICANT: Muallem, Arleige
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESS: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
```

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COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,556
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-531-556-116

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      5380 TTTTAGCCCTTGACGTGG 5399
Db      1 TTTTAGCCTGTGACTGG 20

RESULT 2414
US-08-371-001-10
; Sequence 10, Application US/08371001
; Patent No. 5783683
; GENERAL INFORMATION:
; APPLICANT: Morrison Ph.D., Richard
; TITLE OF INVENTION: Methods and Composition for Treating
; TITLE OF INVENTION: Tumor Cells
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESS: Gray Cary Ware & Freidenrich
; STREET: 401 "B" Street, Suite 1700
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/371,001
; FILING DATE: January 10, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brozman, Harris F.
; REGISTRATION NUMBER: 35,461
; REFERENCE/DOCKET NUMBER: P00095U50
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 236-1048
; TELEFAX: (619) 236-1048
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other Nucleic Acid
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US-08-371-001-10

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1062 CCGTGGCCCTGCTAGGCATC 1081

DB 1 CCGAGCCCTGCTACACGTC 20

RESULT 2415

US-08-640-672-8/c
; Sequence 8, Application US/08640672

; Patent No. 5789168

; GENERAL INFORMATION:

; APPLICANT: Leushner, James

; APPLICANT: Hui, May

; APPLICANT: Dunn, James M.

; TITLE OF INVENTION: METHOD FOR AMPLIFICATION AND SEQUENCING

; TITLE OF INVENTION: OF NUCLEIC ACID POLYMERS

; NUMBER OF SEQUENCES: 20

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Oppedahl & Larson

; STREET: 1992 Commerce Street Suite 309

; CITY: Yorktown

; STATE: NY

; COUNTRY: US

; ZIP: 10598

; COMPUTER READABLE FORM: Diskette - 3.5 inch, 1.44 Mb storage

; MEDIUM TYPE: IBM compatible

; OPERATING SYSTEM: MS DOS

; SOFTWARE: Word Perfect

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/640,672

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; ATTORNEY/AGENT INFORMATION:

; NAME: Larson, Marina T.

; REGISTRATION NUMBER: 32,038

; REFERENCE/DOCKET NUMBER: VGEN.P-020-US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (914) 245-3252

; TELEFAX: (914) 962-4330

; TELEX:

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; HYPOTHETICAL: no

; ANTI-SENSE: no

; FRAGMENT TYPE: internal

; ORIGINAL SOURCE:

; ORGANISM: human

; FEATURE:

; OTHER INFORMATION: amplification primer for DR3, 8, 11, 12,

; OTHER INFORMATION: 13, 14 alleles of HLA Class II genes

US-08-640-672-8

QY 1610 AGAATTTCAGACGACGCTG 1629

DB 20 AGAGCTTCAGAGCGG 1

RESULT 2416

US-08-729-447-7

; Sequence 7, Application US/08729447

; Patent No. 5789174

; GENERAL INFORMATION:

; APPLICANT:

; TITLE OF INVENTION: DETECTION OF PERIODONTAL PATHOGENS INCLUDING

; TITLE OF INVENTION: BACTERIOIDES FORSYTHUS, PORPHYROMONAS GINGIVALIS,

; TITLE OF INVENTION: PREVOTELLA INTERMEDIA AND PREVOTELLA NIGRESCENS

; NUMBER OF SEQUENCES: 20

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/729,447

; FILING DATE:

; CLASSIFICATION: 435

; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "Specific PCR primer for P.

; HYPOTHETICAL: NO

; ANTI-SENSE: YES

US-08-729-447-7

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 738 GGGCGGCTCTTCTTCTCAC 757

DB 1 GGGTGTCTCTTCATCAGCAGC 20

RESULT 2417

US-08-110-691A-35

; Sequence 35, Application US/08110691A

; Patent No. 5795714

; GENERAL INFORMATION:

; APPLICANT: CANTOR, Charles, R.

; APPLICANT: PRZETAKIEWICZ, Mark

; TITLE OF INVENTION: A METHOD FOR REPLICATING AN

; TITLE OF INVENTION: ARRAY OF NUCLEIC ACID PROBES (as amended)

; NUMBER OF SEQUENCES: 48

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Baker & Botts, LLP

; STREET: 1299 Pennsylvania Avenue, NW

; CITY: Washington

; STATE: DC

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/110,691A

; FILING DATE: 23-AUG-1993

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/972,012

; FILING DATE: 06-NOV-1992

```
ATTORNEY/AGENT INFORMATION:
; NAME: Remenick, James
; REGISTRATION NUMBER: 36,902
; REFERENCE/DOCKET NUMBER: 16865-0124
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-639-7700
; TELEFAX: 202-639-7890
;
; TELEX:
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-110-691A-35

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      3129 TGGTAGGCTCACTCTGTAG 3148
Db      1 TGGTAGGCTCACTCTGAG 20

RESULT 2418
US-08-343-281A-9/c
; Sequence 9, Application US/08343281A
; Patent No. 5798265
; GENERAL INFORMATION:
; APPLICANT: Springer, Wolfgang, Baumgarten, Jorg;
; APPLICANT: Kretschmer, Axel; Kold, Heinz;
; APPLICANT: Loberding, Antonius; Strube, Walter;
; APPLICANT: Thein, Peter
; TITLE OF INVENTION: PSEUDORABIES VIRUS (PRV)
; TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR
; TITLE OF INVENTION: USE FOR PREPARING VIRUS-
; TITLE OF INVENTION: RESISTANT EURARYOTIC CELLS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SPRUNG HORN KRAMER & WOODS
; STREET: 660 White Plains Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10591-5144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 720 KB
; MEDIUM TYPE: storage
; COMPUTER: Sharp PC-4600
; OPERATING SYSTEM: DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/343,281A
; FILING DATE: 22-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/029,202
; FILING DATE: 10-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 4208107
; FILING DATE: 13-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Kuft G. Bilscoe
; REGISTRATION NUMBER: 33,141
; REFERENCE/DOCKET NUMBER: Bayer 8700.1-KGB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 332-1700
; TELEFAX: (914) 332-1844
;
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
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TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic or biological DNA or RNA
;
US-08-343-281A-9

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      5584 TGGCTCATGTCATTTGCTT 5603
Db      20 TGGTTCCTGTGATGCTT 1

RESULT 2419
US-08-501-626-13
; Sequence 13, Application US/08501626
; Patent No. 5601156
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusner
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,626
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Keener, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-08-501-626-13

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      3009 CACCCATCTTGTCATCT 3028
Db      1 CGCCTGGCTGTGCATCT 20

RESULT 2420
US-08-501-626-25
; Sequence 25, Application US/08501626
```

Patent No. 5801156
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,626
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHEetical: NO
ANTI-SENSE: YES
US-08-501-626-25

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2404 GGGACCACTGACACACCA 2423
DB 1 GGGACCACTGACACACAA 20

RESULT 2421
US-08-410-779B-60/c
Sequence 60, Application US/08410779B
Patent No. 5814517
GENERAL INFORMATION:
APPLICANT: SEIDEL, H. MARTI
APPLICANT: LAMB, I. PETER
TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS
TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 166
CORRESPONDENCE ADDRESS:
ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED
STREET: 9393 TOWNE CENTRE DRIVE
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: US
ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,779B
FILING DATE: 27-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/228,935
FILING DATE: 14-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: JURGENSEN, THOMAS E
REGISTRATION NUMBER: 34,195
REFERENCE/DOCKET NUMBER: 016-0013A, US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 550-7675
TELEFAX: (619) 535-3906
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
DESCRIPTION: SYNTHETIC DNA"
US-08-410-779B-60

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1514 ACATGGGGGGAACGATC 1533
DB 20 ACCTCGGGGGAACGATC 1

RESULT 2422
US-08-501-356-13
Sequence 13, Application US/08501356
Patent No. 5814620
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,356
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
US-08-501-356-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3009 CACCCATCTTCTCATCT 3028
DB 1 GGCTCGGCTGTCTCATCT 20

RESULT 2423
US-08-501-356-25
; Sequence 25, Application US/08501356
; Patent No. 5814620
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,356
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-011DV3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-501-356-25

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2404 GGGACCAAGTGAACCA 2423
DB 1 GGGACCACTGAGACAGAA 20

RESULT 2424

US-08-560-231-17/C
; Sequence 17, Application US/08560231
; Patent No. 5817760
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh Ix86
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/560,231
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Meredith, Roy D.
; REGISTRATION NUMBER: 30,777
; REFERENCE/DOCKET NUMBER: 186991A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908)594-4678
; TELEFAX: (908)594-4720
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-560-231-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6206 GAATTGAATAAAGTGG 6225
DB 20 GAATTGCTCAAGGTGG 1

RESULT 2425
US-08-688-088-5/C
; Sequence 5, Application US/08688088
; Patent No. 5827648
; GENERAL INFORMATION:
; APPLICANT: EASTMAN, P. SCOTT
; APPLICANT: URDEA, MICHAEL S.
; APPLICANT: KOLBERG, JANICE A.
; TITLE OF INVENTION: DIFFERENTIAL HYBRIDIZATION FOR RELATIVE
; TITLE OF INVENTION: QUANTIFICATION OF VARIANT POPULATIONS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION, Intellectual Property -
; ADDRESS: R440
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: P.O. Box 8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/688,088
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/167,645
FILING DATE: 13-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: GOLDMAN, KENNETH M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0975.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-688-088-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4081 GGAAATCTTCCATGCTG 4100
Db 20 GGATGATCTTCCATGCTG 1

RESULT 2426
US-08-684-498A-8/c
Sequence 8, Application US/08684498A
Patent No. 5830657
GENERAL INFORMATION:
APPLICANT: Leushner, James
APPLICANT: Hui, May
APPLICANT: Dunn, James M.
APPLICANT: Larson, Marina T.
TITLE OF INVENTION: METHOD FOR SINGLE-TUBE SEQUENCING OF
TITLE OF INVENTION: NUCLEIC ACID POLYMERS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppeahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,498A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/640,672
FILING DATE: 1 May 1996
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-031-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330

TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE: amplification primer for DR3, 8, 11, 12,
OTHER INFORMATION: 13, 14 alleles of HLA Class II genes
US-08-684-498A-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1610 AGAATTTCAGACGACGCTG 1629
Db 20 AGAGCTTCAGACGACGCG 1

RESULT 2427
US-08-184-009-5/c
Sequence 5, Application US/08184009
Patent No. 5833975
GENERAL INFORMATION:
APPLICANT: Paolietti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/184,009
FILING DATE: 19-JAN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-184-009-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 6425 GTGGCTCTATTAGCTAA 6444
DB 20 GCGGCCGCTAATTAATA 1

RESULT 2428

US-08-577-858A-8/C
Sequence 8, Application US/08577858A
Patent No. 5834189
GENERAL INFORMATION:
APPLICANT: Stevens, John K.
APPLICANT: Dunn, James M.
APPLICANT: Leushner, James
APPLICANT: Green, Ronald
TITLE OF INVENTION: Method for Evaluation of Polymorphic
TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA
TITLE OF INVENTION: Types
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/577, 858A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-019-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for DR3, 8, 11, 12,
OTHER INFORMATION: 13, 14 alleles of HLA Class II genes
US-08-577-858A-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1610 AGAAGCTTCAGACAGCACTG 1629
DB 20 AGAGCTTCAGAGTGCAGCGG 1

RESULT 2429

US-08-790-963-50/C
Sequence 50, Application US/08790963
Patent No. 5837464
GENERAL INFORMATION:
APPLICANT: Daniel J. Capon
APPLICANT: Christos John Petropoulos
TITLE OF INVENTION: Compositions And Methods For
TITLE OF INVENTION: Determining Anti-viral Drug Susceptibility And
TITLE OF INVENTION: Resistance
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/790, 963
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 50130-B/JPM/AKC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-790-963-50

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2866 GCAAGAGAGAGGAGTGGG 2885
DB 20 GCTAGAGAGAGAGATGCG 1

RESULT 2430
US-08-753-979A-12
Sequence 12, Application US/08753979A
Patent No. 5840549
GENERAL INFORMATION:
APPLICANT: Kent First, Marijo
APPLICANT: Muallem, Arlege
TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
TITLE OF INVENTION: BATTERY
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: WI
COUNTRY: USA
ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/753,979A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 34506.051
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-831-2100
TELEFAX: 608-831-2106
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-753-979A-12

Query Match
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5380 TTTTGGCCCTTGACGTG 5399
Db 1 TTTTGGCCTGTGACCTG 20

RESULT 2431
US-08-486-969-5/c
Sequence 5, Application US/08486969
Patent No. 5843456
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Maki, Joanne
TITLE OF INVENTION: RECOMBINANT POXVIRUS - RABIES
TITLE OF INVENTION: COMPOSITIONS AND COMBINATION COMPOSITIONS AND USES
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,969
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-486-969-5

Query Match
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6425 GTGGCTCTATTAGCTAA 6444
Db 20 GCGGCGCCTAATTAATA 1

RESULT 2432
US-08-692-726-8
Sequence 8, Application US/08692726
Patent No. 5846783
GENERAL INFORMATION:
APPLICANT: Wu, Linxian
APPLICANT: Coombs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Glass, Michael J.
TITLE OF INVENTION: Methods and Apparatus for Preparing, Amplifying, and Discriminating Multiple Analyses
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESSES:
ADDRESSEE: David O. Seeley, Esq.
ADDRESSEE: Workman, Nydegger & Seeley
STREET: 1000 Eagle Gate Tower
STREET: 60 East South Temple
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/692,726
FILING DATE: 06-AUG-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/587,209
FILING DATE: 16-JAN-1996
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-692-726-8

Query Match
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3475 GCGGCTAGTAATCTTAAG 3494
Db 1 GCGGCGCCTAATTAATA 20

RESULT 2433
US-08-117-952-317/c
Sequence 317, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles

STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 317:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-317

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2834 CCCAGAGCTGTGCCACCA 2853
Db 20 CCCAGAGCAGTACTACCA 1

RESULT 2434
US-08-578-551-26
Sequence 26, Application US/08578551
Patent No. 5854050
GENERAL INFORMATION:
APPLICANT: Dalboege, Henrik
APPLICANT: Christgau, Stephan
APPLICANT: Andersen, Lene N.
APPLICANT: Kofoed, Lene V.
APPLICANT: Kauppinen, Sakari M.
APPLICANT: Nielsen, Jack B.
APPLICANT: Dammann, Claus
TITLE OF INVENTION: An Enzyme with Protease Activity
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5854050 No. 5854050disk of No. 5854050th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,551
FILING DATE: 01-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0811/93
FILING DATE: 06-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/02044
FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambille, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4006.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-878-9655
TELEFAX: 212-867-0123
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Aspergillus aculeatus
US-08-578-551-26

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1607 TCAAGACTTCACAGACCAG 1626
Db 1 TCAAGACTTCTCCGTCAAG 20

RESULT 2435
US-08-887-365-29/c
Sequence 29, Application US/08887365
Patent No. 5858760
GENERAL INFORMATION:
APPLICANT: Dalboege, Henrik
APPLICANT: Kofoed, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Andersen, Lene N.
APPLICANT: Christgau, Stephan
APPLICANT: Held-Hansen, Hans P.
TITLE OF INVENTION: AN ENZYME WITH PECTIN LYASE ACTIVITY
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5858760 No. 5858760disk of No. 5858760th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,365
FILING DATE: 02-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/513,928
FILING DATE: 26-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 3955.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-887-365-29

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5862 AGCTGCAGGCGTCAAGCTTA 5861
DB 20 ACCAGCAGGCGTAAAGCATA 1

RESULT 2436
US-08-468-037A-17
Sequence 17, Application US/08468037A
Patent No. 5859221
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221r1e
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,037A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-468-037A-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 6538 CATGATATCTGTAAAGCT 6557
DB 1 CAUAGGAGAUCCCAAGCT 20

RESULT 2437
US-08-626-169-19
Sequence 19, Application US/08626169

Patent No. 5861248
GENERAL INFORMATION:
APPLICANT: Russell, David W.
APPLICANT: Thigpen, Anice E.
TITLE OF INVENTION: BIOMARKERS FOR DETECTION, DIAGNOSIS
AND PROGNOSIS OF PROSTATE CANCER
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/626,169
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Corder, Timothy S.
REGISTRATION NUMBER: 38,414
REFERENCE/DOCKET NUMBER: UROC:007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-626-169-19

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2384 AGAGTGTAACATCCAGCT 2403
DB 1 AGAGTGCGACCAACCAAGCT 20

RESULT 2438
US-08-417-210A-5/c
Sequence 5, Application US/08417210A
Patent No. 5863542
GENERAL INFORMATION:
APPLICANT: PAOLETTI, ENZO
APPLICANT: TARTAGLIA, JAMES
APPLICANT: COX, WILLIAM I.
TITLE OF INVENTION: IMMUNODEFICIENCY RECOMBINANT POXVIRUS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
STREET: 530 FIFTH AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/417,210A
FILING DATE: 05-APR-1995
CLASSIFICATION: 435

```

; ATTORNEY/AGENT INFORMATION:
; NAME: KOWALSKI, THOMAS J.
; REGISTRATION NUMBER: 32,147
; REFERENCE/DOCKET NUMBER: 454310-2690
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-840-3333
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-417-210A-5

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6425 GTGGCTCTCTATTAGCTAA 6444
Db      20 GCGGCGGCTATTACTAA 1

RESULT 2439
US-08-468-819-29/c
; Sequence 29, Application US/08468819
; Patent No. 5871723
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; APPLICANT: Polverini, Peter J.
; TITLE OF INVENTION: CXC Chemokines as Regulators of
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-29

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      45 CCGGCGGCGCGCAACGAG 64
Db      20 CCGGCGGCGCGCAACAG 1

RESULT 2440
US-08-468-819-37/c
; Sequence 37, Application US/08468819
; Patent No. 5871723
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; APPLICANT: Polverini, Peter J.
; APPLICANT: Kunkel, Steven L.
; TITLE OF INVENTION: CXC Chemokines as Regulators of
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-37

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2555 CGTACGCTGTGCCACT 2574
Db      20 CGTACGTGTGTGCTCGCT 1

RESULT 2441
US-08-468-819-45/c
; Sequence 45, Application US/08468819
; Patent No. 5871723
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; APPLICANT: Polverini, Peter J.
; APPLICANT: Kunkel, Steven L.
; TITLE OF INVENTION: CXC Chemokines as Regulators of
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
```

CITY: Houston
STATE: TX
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,819
FILING DATE: Concurrently herewith
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7477
TELEX: N/A
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-468-819-45
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 45 CCGCGCGCGCGCAACGAG 64
DB 20 CCGCGCGCGCGCAACGAG 1
RESULT 2442
US-08-468-819-65/c
Sequence 65, Application US/08468819
Patent No. 5871723
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
APPLICANT: Kunkel, Steven L.
TITLE OF INVENTION: CXG Chemokines as Regulators of
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,819
FILING DATE: Concurrently herewith
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000

TELEFAX: 512/474-7477
TELEX: N/A
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-468-819-65
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2555 CGTACCGCTGTGCCACT 2574
DB 20 CGTACCGATGTGCTCGCT 1
RESULT 2443
US-08-471-973A-17
Sequence 17, Application US/08471973A
Patent No. 5872232
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,973A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-471-973A-17
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
QY 6538 CATAGATATCTGAAGCT 6557
DB 1 CAUAGGAGUGCUAAGCT 20

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 256164/1995
FILING DATE: 03-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bengtsson, W. Patricia
REGISTRATION NUMBER: 32,456
REFERENCE/DOCKET NUMBER: HIRA-2200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)433-4150
TELEFAX: (415)433-8716
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "(synthetic DNA)"
US-08-668-448-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 921 GGACATCGAGACATGATG 940
DB 1 GGACATCGAGAAATGTATG 20

RESULT 2447
US-08-540-804-22
Sequence 22, Application US/08540804
Patent No. 5919666
GENERAL INFORMATION:
APPLICANT: Young, Richard A.
APPLICANT: Koleske, Anthony J.
APPLICANT: Thompson, Craig M.
APPLICANT: Chao, David M.
TITLE OF INVENTION: No. 5919666el Factors Which Modify Gene
TITLE OF INVENTION: Transcription and Methods of Use Therefor
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/540,804
FILING DATE: 11-OCT-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/521,872
FILING DATE: 21-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/218,265
FILING DATE: 25-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI94-03A2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-540-804-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4409 CAAAGTGAATTTCTCTG 4428
DB 1 CCAAGTGAATTTACTCG 20

RESULT 2448
US-08-218-265-22
Sequence 22, Application US/08218265
Patent No. 5922585
GENERAL INFORMATION:
APPLICANT: Young, Richard A.
APPLICANT: Koleske, Anthony J.
APPLICANT: Thompson, Craig M.
TITLE OF INVENTION: No. 5922585el Factors Which Modify Gene
TITLE OF INVENTION: Transcription and Methods of Use Thereof
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: MA
COUNTRY: US
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/218,265
FILING DATE: 25-MAR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI94-03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-218-265-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4409 CAAAGTGAATTTCTCTG 4428
DB 1 CCAAGTGAATTTACTCG 20

RESULT 2449
US-08-529-878B-31/C
Sequence 31, Application US/08529878B
Patent No. 5932556
GENERAL INFORMATION:
APPLICANT: Tam, Robert C.

```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: REGULATION OF CD28 EXPRESSION
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Crockett & Fish
; STREET: 3000 S. Augusta Court
; CITY: La Habra
; STATE: California
; COUNTRY: United States of America
; ZIP: 90631
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,878B
; FILING DATE: 13-SEP-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Fish, Robert D.
; REGISTRATION NUMBER: 33,880
; REFERENCE/DOCKET NUMBER: 213/003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-525-3433
; TELEFAX: 714-525-3303
; TELEX:
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-529-878B-31

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4545 TCTGTGCGCTGAGCA 4564
Db 20 TCTGTGCGATTGAGCA 1

RESULT 2450
US-08-931-072A-39/c
; Sequence 39, Application US/08931072A
; Patent No. 5939542
; GENERAL INFORMATION:
; APPLICANT: KAMAI, SHINTARO
; APPLICANT: MAEKAWAJIRI, SHINJI
; APPLICANT: NAKAMOTO, HIROAKA
; TITLE OF INVENTION: DETECTION OF HLA-DR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSER: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,072A
; FILING DATE: 15-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

```

```

; APPLICATION NUMBER: JP 7-514371
; FILING DATE: 10-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 209-043-0 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA"
; US-08-931-072A-39

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1610 AGACTTCACAGACGCTG 1629
Db 20 AGACTTCACAGTGACGCG 1

RESULT 2451
US-08-458-356-5/c
; Sequence 5, Application US/08458356
; Patent No. 5942235
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Taglietta, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtiss, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,356
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/184,009
; FILING DATE: 19-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-458-356-5

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Query Match 0.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+03;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTATTACTAA 6444
 DB 20 GCGCGCGCTAATTAATA 1

RESULT 2452

US-08-875-377-2/c
 ; Sequence 2, Application US/08875377
 ; Patent No. 5948618

GENERAL INFORMATION:
 APPLICANT: OKA, TAKANORI
 TITLE OF INVENTION: GENE AMPLIFYING PRIMER, AND NUCLEIC
 TITLE OF INVENTION: ACID-DIFFERENTIATION METHOD AND NUCLEIC
 TITLE OF INVENTION: ACID-DIFFERENTIATION ASSAY KIT USING THE PRIMER
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP.
 STREET: P.O. BOX 747
 CITY: FALLS CHURCH
 STATE: VA
 COUNTRY: USA
 ZIP: 22040-0747

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/875,377
 FILING DATE: 24-NOV-1997

CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MURPHY JR., GERALD M.
 REGISTRATION NUMBER: 28,977
 REFERENCE/DOCKET NUMBER: 171-579P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-205-8000

TELEFAX: 703-205-8050
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "PRIMER"

US-08-875-377-2
 Query Match 0.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+03;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAAGCTTCAGACGAGCTG 1629
 DB 20 AGAGCTTCAGACGAGCTG 1

RESULT 2453
 US-08-975-211-29
 ; Sequence 29, Application US/08975211
 ; Patent No. 5948902

GENERAL INFORMATION:
 APPLICANT: Honkanen, Richard E
 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
 TITLE OF INVENTION: HUMAN SERINE/THREONINE PROTEIN PHOSPHATASE GENE EXPRESSION
 NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Jaekle Fleischmann & Muegel, LLP
 STREET: 139 State Street
 CITY: Rochester
 STATE: New York
 COUNTRY: USA
 ZIP: 14614-1310

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/975,211
 FILING DATE:

CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Braman, Susan J
 REGISTRATION NUMBER: 34,103
 REFERENCE/DOCKET NUMBER: 87647.97R407
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 716-262-4133
 TELEFAX: 716-262-3640
 INFORMATION FOR SEQ ID NO: 29:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 ANTI-SENSE: YES

US-08-975-211-29
 Query Match 0.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+03;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5883 CTCCTGACTGCAGAGACC 5902
 DB 1 CTCATGACGACGAGATATC 20

RESULT 2454
 US-08-756-806A-44
 ; Sequence 44, Application US/08756806A
 ; Patent No. 5952229

GENERAL INFORMATION:
 APPLICANT: Monia, Brett P. and Boggs, Russell T.
 TITLE OF INVENTION: Antisense Oligonucleotide Modulation
 TITLE OF INVENTION: Of raf Gene Expression
 NUMBER OF SEQUENCES: 65
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: USA
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/756,806A
 FILING DATE: No. 5952229ember 26, 1996
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/07111
 FILING DATE: May 31, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/250,856
 FILING DATE: May 31, 1994

```
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-756-806A-44

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7102 AATAAGAAAATGAATTA 7121
DB      1 AAGAAGCAATATGAAGTTA 20

RESULT 2455
US-08-756-806A-59/c
Sequence 59, Application US/08756806A
Patent No. 5952229
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggie, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,806A
FILING DATE: No. 5952229ember 26, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: No
US-08-756-806A-59

Query Match      0.2%; Score 13.6; DB 1; Length 20;
```

```
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4648 GAATTCCTCTTGAGAGC 4667
DB      20 GAATTCCTCTTGAGAGC 1

RESULT 2456
US-09-044-506A-14
Sequence 14, Application US/09044506A
Patent No. 5955443
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Thomas Condon,
APPLICANT: Shin Flournoy, Hong Zhang
TITLE OF INVENTION: Antisense Modulation of PECAN-1
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/044,506A
FILING DATE: March 19, 1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0271
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-044-506A-14

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5922 CGAGATGTCACCTGGGC 5941
DB      1 CCAGGATGTCATCTGGCC 20

RESULT 2457
US-08-465-880-22
Sequence 22, Application US/08465880
Patent No. 5955589
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
```

STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,880
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 244,993
FILING DATE: 21-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Luccl
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ. ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-465-880-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 6538 CATAGATATCTGTAGGCT 6557
DB 1 CAUAGGAGAUCCUAGGCT 20

RESULT 2458
US-08-848-840A-20/c
Sequence 20, Application US/08848840A
Patent No. 5965722
GENERAL INFORMATION:
APPLICANT: Montis, et al.
TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
TITLE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722r1s LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/848,840A
FILING DATE: 30-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/317,289
FILING DATE: 03-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/794,493
FILING DATE: 04-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/335,046

FILING DATE: 07-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/488,256
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/465,866
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,037
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: 03-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/227,180
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Luccl
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2458
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ. ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-848-840A-20

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 49 GGCGGGGCAAGCGAGGCTG 68
DB 20 GGCGGGGCGGCGGAGGCGAG 1

RESULT 2459
US-08-703-136-13/c
Sequence 13, Application US/08703136
Patent No. 5972604
GENERAL INFORMATION:
APPLICANT: Santamaria, Pedro
APPLICANT: Boyce-Jacino, Michael T.
APPLICANT: Barbosa, Jose J.
APPLICANT: Fara, Stephen J.
TITLE OF INVENTION: DNA Sequence-Based
TITLE OF INVENTION: HLA Typing Method
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rae-Venter Law Group
STREET: 260 Sheridan Avenue,
STREET: Suite 440
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: PC/XT/AT or compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Microsoft Word 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,136
FILING DATE: NOT YET ASSIGNED
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/106,802
FILING DATE: 16-AUG-1993

ATTORNEY/AGENT INFORMATION:
NAME: Barbara Rae-Venter, Ph.D.
REGISTRATION NUMBER: 32,750
REFERENCE/DOCKET NUMBER: UMCN.002.03US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 328-4400
TELEFAX: (415) 328-4477
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Genomic DNA
ANTI-SENSE: yes
FRAGMENT TYPE: Internal Fragment
ORIGINAL SOURCE: Synthetically
FEATURE:
NAME/KEY: Oligonucleotide
NAME/KEY: Primer DRB12
LOCATION: Anneals to codons 87
LOCATION: to 94 of the DRB1, DRB3, DRB4 and DRB5
LOCATION: transcripts of HLA Class II
US-08-703-136-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1611 GAAGTTTCACAGCAGCGCTGC 1630
DB 20 GAGCTTCACAGTCGAGCGGC 1

RESULT 2460
US-08-910-408-172
Sequence 172, Application US/08910408
Patent No. 5972704
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwigen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,408
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,880
FILING DATE: July 7, 1994
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 172:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-910-408-172

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.0%; Pred. No. 2.3e+03;
Matches 11; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 3822 TGACAGGCCCTGAGCCTTTC 3841
DB 1 TGACAGCGCGCCUAGCAUUC 20

RESULT 2461
US-08-910-408-189
Sequence 189, Application US/08910408
Patent No. 5972704
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwigen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,408
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,880
FILING DATE: July 7, 1994
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 189:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-910-408-189

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.0%; Pred. No. 2.3e+03;
Matches 11; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 3822 TGACAGCCCTGGCCTTC 3841
DB 1 UGACAGCCCTGGCCTTC 20

RESULT 2462
US-08-863-639A-72/C

Sequence 72, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueh
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-72

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCCTTGGCTCACTCT 5347
DB 20 CTCCTTGGCTCACTCT 1

RESULT 2463
US-08-863-639A-93
Sequence 93, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.

APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueh
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-93

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCCTTGGCTCACTCT 5347
DB 1 CTCCTTGGCTCACTCT 20

RESULT 2464
US-08-837-201C-63

Sequence 63, Application US/08837201C
Patent No. 598558
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRADEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-837-201C-63

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5915 CCCAGCCGAGGATGCCA 5934
DB 1 CCCAGCCGACAAAGGTCCA 20

RESULT 2465
US-08-837-201C-75/C
Sequence 75, Application US/08837201C
Patent No. 5985558
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRADEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-837-201C-75

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGCGCGCGCGCAACGAG 64
DB 20 CCGCGCGCGCGCTACACG 1

RESULT 2466
US-08-471-025-5/C
Sequence 5, Application US/08471025
Patent No. 598561
GENERAL INFORMATION:
APPLICANT: Paolelli, Enzo
APPLICANT: Fischer, Laurent
APPLICANT: Legros, Francois-Xavier
TITLE OF INVENTION: RECOMBINANT POXVIRUS - CALICIVIRUS
TITLE OF INVENTION: [RABBIT HEMORRHAGIC DISEASE VIRUS (RDHV)] COMPOSITIONS AND
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSER: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,025
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2650
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-471-025-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCTCTATTAGCTAA 6444
DB 20 GCGCGCGCTTAATTACTAA 1

RESULT 2467
US-08-781-620B-8/C
Sequence 8, Application US/08781620B
Patent No. 5994124
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Ribozyme-sRNA chimeric molecules having a
TITLE OF INVENTION: catalytic activity for nuclear RNAs
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (PPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781.620B
FILING DATE:
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-781-620B-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6901 CTGCTCTACTCATCTGAC 6920
DB 20 CTGCTCTACTCATCTGAC 1

RESULT 2468
US-08-658-665-5/c
Sequence 5, Application US/08658665
Patent No. 5997878
GENERAL INFORMATION:
APPLICANT: Peoletti, Enzo
APPLICANT: Pincus, Steven E.
APPLICANT: Cox, William I.
APPLICANT: Kauffman, Elizabeth K.
TITLE OF INVENTION: Recombinant poxvirus - Cytomegalovirus,
TITLE OF INVENTION: Compositions and Uses
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,665
FILING DATE: 05-JUN-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2720.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)840-3333
TELEFAX: (212)840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-658-665-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCCCTCTATTAGCTAA 6444
DB 20 GTGGCCGCTTAATTACTAA 1

RESULT 2469
US-09-190-982-26
Sequence 26, Application US/09190982
Patent No. 5998190
GENERAL INFORMATION:
APPLICANT: Dalboge, Henrik
APPLICANT: Christgau, Stephan
APPLICANT: Andersen, Lene N.
APPLICANT: Kofod, Lene V.
APPLICANT: Kaupinen, Sakari M.
APPLICANT: Nielsen, Jack B.
TITLE OF INVENTION: An Enzyme with Protease Activity
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 59981900 No. 5998190disk of No. 5998190th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/190,982
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/578,551
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/02044
FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4006.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Aspergillus aculeatus
US-09-190-982-26

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1607 TCAAGAACTTCACAGCCAG 1626
DB 1 TCAAGAACTTCCTCGTCAG 20

RESULT 2470
US-09-226-568-11/c
Sequence 11, Application US/09226568

```
; Patent No. 6001992
; GENERAL INFORMATION:
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; TITLE OF INVENTION: Antisense Modulation of No. 6001992el Anti-apoptotic
; TITLE OF INVENTION: bcl-2-Related Proteins
; FILE REFERENCE: ISPH-0337
; CURRENT APPLICATION NUMBER: US/09/226,568
; CURRENT FILING DATE: 1999-01-07
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; US-09-226-568-11
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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      2027 AAAAAGCTTCTATCAGACA 2046
DB      20 AAGAACTCTACAGACAGA 1
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RESULT 2471

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US-08-917-653-1/c
; Sequence 1, Application US/08917653
; Patent No. 6004751
; GENERAL INFORMATION:
; APPLICANT: Rosentfield, Robert L.
; TITLE OF INVENTION: IDENTIFICATION OF ACTIVATORS AND
; NUMBER OF SEQUENCES: 4
; INHIBITORS OF SEBUM FORMATION
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/917,653
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: ARCD:216
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-917-653-1
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
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```
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      4574 CCTGCCCTTTTCCTGACT 4593
DB      20 CCTGCCCTGTTCCATGACT 1
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RESULT 2472

```
US-09-035-357-17
; Sequence 17, Application US/09035357
; Patent No. 6005087
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: A. Kawasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 KB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/035,357
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,037
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucchi
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-035-357-17
```

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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      6538 CATAGATATCTGAGGCT 6557
DB      1 CAUAGAGAGUCCUAAAGCT 20
```

RESULT 2473

```
US-08-809-999D-4
; Sequence 4, Application US/08809999D
; Patent No. 6013765
; GENERAL INFORMATION:
; APPLICANT: Coulie, Pierre; Ikeda, Hideyuki;
; APPLICANT: Boon-Falleur, Thierry
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules
; TITLE OF INVENTION: Coding for Tumor Rejection Antigen Precursors DAGE and
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski, L.L.P.
```

STREET: 666 Fifth Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/809,999D
FILING DATE: 9-April-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/316,211
FILING DATE: 30-September-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6013765man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5386.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 318-3000
TELEFAX: (212) 752-5958
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURE:
NAME/KEY: PCR primer
US-08-809-999D-4

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

2748 GGTTCACGAGATCTCTGC 2767
Db 1 GGTCGTCGAGAGACTCTGC 20

RESULT 2474
US-08-521-872-22
Sequence 22, Application US/08521872
Patent No. 6015682
GENERAL INFORMATION:
APPLICANT: Young, Richard A.
APPLICANT: Koleske, Anthony J.
APPLICANT: Thompson, Craig M.
APPLICANT: Chao, David M.
TITLE OF INVENTION: No. 6015682el Factors which Modify Gene
TITLE OF INVENTION: Transcription and Methods of Use Therefor
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/521,872
FILING DATE: 31-AUG-1995
CLASSIFICATION: 436
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/218,265
FILING DATE: 25-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-03A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PUBLICATION INFORMATION:
DOCUMENT NUMBER: US 08/218,265
FILING DATE: 25-MAR-1994
US-08-521-872-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

4409 CAAATGAAATTTTCTCTGC 4428
Db 1 CCAAGTGAATTTTACTG 20

RESULT 2475
US-08-473-446-28/c
Sequence 28, Application US/08473446
Patent No. 6017542
GENERAL INFORMATION:
APPLICANT: PAOLETTI, ENZO
APPLICANT: LIMBACH, KEITH J.
TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
TITLE OF INVENTION: CANINE HERPESVIRUS gB, gC, AND gD AND USES THEREFOR
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
STREET: 530 FIFTH AVENUE, 25TH FLOOR
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: UNITED STATES OF AMERICA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,446
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/413,118
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: FROMMER, WILLIAM S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2670
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-473-446-28

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GGGGCTCTATTAGCTTA 6444

DB 20 GGGGCTCTATTAGCTTA 1

RESULT 2476

US-09-069-637-4
; Sequence 4, Application US/09069637
; Patent No. 6022692
; GENERAL INFORMATION:
; APPLICANT: Coulle, Pierre; Ikeda, Hideyuki;
; APPLICANT: Boon-Falleu, Thierry
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules
; TITLE OF INVENTION: Coding For Tumor Rejection Antigen Precursors DAGE and Uses Th
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/069,637

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/809,999

FILING DATE: 9-Apr-11-1997

APPLICATION NUMBER: 08/316,231

FILING DATE: 30-September-1994

ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 6022692man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5386.1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 688-9200

TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: nucleic acid

FEATURE:

NAME/KEY: PCR primer

US-09-069-637-4

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2748 GGTTCACGAGTACTTGC 2767

DB 1 GGTTCACGAGTACTTGC 20

RESULT 2477

US-09-366-257-35/c
; Sequence 35, Application US/09366257
; Patent No. 6030837

GENERAL INFORMATION:

APPLICANT: Robert McKay

APPLICANT: Madeline M. Butler

APPLICANT: Lex M. Cowart

TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-MITOCHONDRIAL EXPRESSION

FILE REFERENCE: RTS-0073

CURRENT APPLICATION NUMBER: US/09/366,257

CURRENT FILING DATE: 1999-08-03

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 35

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1367 GCTACAATTGATCCCTAC 1386

DB 20 GCTACAATTGATCCCTAC 1

RESULT 2478

US-08-979-269-16

; Sequence 16, Application US/08979269

; Patent No. 6037127

GENERAL INFORMATION:

APPLICANT: EBERSOLE, RICHARD C.

APPLICANT: HENDRICKSON, EDWIN R.

APPLICANT: MAJARIAN, WILLIAM R.

APPLICANT: MCELLIGOTT, SANDRA G.

APPLICANT: PAYNE, MARK S.

APPLICANT: RAPALSKI, JAN A.

TITLE OF INVENTION: A NOVEL METHOD FOR DETECTION

TITLE OF INVENTION: OF NUCLEIC ACID FRAGMENTS

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: E. I. DU PONT DE NEMOURS AND COMPANY

STREET: 1007 MARKET STREET

CITY: WILMINGTON

STATE: DELAWARE

COUNTRY: U.S.A.

ZIP: 19898

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.50 INCH

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: MICROSOFT WINDOWS 95

SOFTWARE: MICROSOFT WORD VERSION 7.0A

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/979,269

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/221,769

FILING DATE: MARCH 31, 1994

ATTORNEY/AGENT INFORMATION:

NAME: SIEGEL, BARBARA C.

REGISTRATION NUMBER: 30,684

REFERENCE/DOCKET NUMBER: CR-9422-C

TELECOMMUNICATION INFORMATION:

TELEPHONE: 302-773-0164

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

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; DESCRIPTION: /desc = "primer"
US-08-979-269-16
;
; Query Match
; Best Local Similarity 80.0%; DB 1; Length 20;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7418 GCAGCAGCAGCAGCAGCACA 7437
DB 1 GCAGAGCGGCATCAGCAGAA 20

RESULT 2479
US-08-742-877-11
; Sequence 11, Application US/08742877
; Patent No. 6046380
; GENERAL INFORMATION:
; APPLICANT: CLARK, Anthony J.
; TITLE OF INVENTION: DNA SEQUENCES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,877
; FILING DATE: 01-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9408717.8
; FILING DATE: 03-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0623.0470001/REF
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
US-08-742-877-11

Query Match
; Best Local Similarity 50.0%; DB 1; Length 20;
; Matches 10; Conservative 6; Mismatches 4; Indels 0; Gaps 0;

QY 7012 TTCTTCTTTCACAGGAGAAA 7031
DB 1 UUUUCUUUACAGGAGGAGAA 20

RESULT 2480
US-09-106-217-7
; Sequence 7, Application US/09106217
; Patent No. 6063576
; GENERAL INFORMATION:
; APPLICANT: Keaton, Mark T.
; APPLICANT: Olson, Timothy M.
; TITLE OF INVENTION: Actin Mutations in Dilated
; TITLE OF INVENTION: Cardiomyopathy, a Heritable Form of Heart Failure
```

```
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figs, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N.W., Suite 701 East
; CITY: Washington
; STATE: DC
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,217
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Stephen A.
; REGISTRATION NUMBER: 38,609
; REFERENCE/DOCKET NUMBER: 2323-125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-106-217-7

Query Match
; Best Local Similarity 80.0%; DB 1; Length 20;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5555 GATGAGAAGTGTGTGGC 5574
DB 1 GCTAGAGCACTGTGTGTC 20

RESULT 2481
US-09-132-652-23/C
; Sequence 23, Application US/09132652
; Patent No. 6074832
; GENERAL INFORMATION:
; APPLICANT: Venta, Patrick J
; APPLICANT: Yuzbasliyan-Gurkan, Vilma
; APPLICANT: Schall, William D
; APPLICANT: Brewer, George J
; APPLICANT: Dufendack, John
; TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS
; FILE REFERENCE: 21158-001226CPB
; CURRENT APPLICATION NUMBER: US/09/132,652
; EARLIER FILING DATE: 1998-08-11
; EARLIER APPLICATION NUMBER: 08/896,449
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-132-652-23

Query Match
; Best Local Similarity 80.0%; DB 1; Length 20;
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```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer used for PCR"
; ORIGINAL SOURCE:
; ORGANISM: yeast
;
US-08-945-056-14

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6895 CTCTCCCTTACTCTACTCAT 6914
Db      20 CTCTCCCTTATGCGACTCCT 1

RESULT 2485
US-09-166-186-17
; Sequence 17, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
;
US-09-166-186-17

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2962 ACCACGACGCGAATCTCT 2981
Db      1 ACCACGACGCGTATCTCT 20

RESULT 2486
US-09-166-186-22/c
; Sequence 22, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```

; OTHER INFORMATION: antisense sequence
;
US-09-166-186-22/c
; Sequence 28, Application US/08961469A
; Patent No. 6083923
; GENERAL INFORMATION:
; APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
; APPLICANT: Mike Templin, Randy Howard, Rahul Mehra
; TITLE OF INVENTION: LIPIDOMAL OLIGONUCLEOTIDE COMPOSITIONS
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,469A
; FILING DATE: October 31, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-08-961-469A-28

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1664 AGGTCACCTTGTTCTGCG 1683
Db      20 AAGTCACCTCTCTCTGCG 1

RESULT 2487
US-08-961-469A-28/c
; Sequence 28, Application US/08961469A
; Patent No. 6083923
; GENERAL INFORMATION:
; APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
; APPLICANT: Mike Templin, Randy Howard, Rahul Mehra
; TITLE OF INVENTION: LIPIDOMAL OLIGONUCLEOTIDE COMPOSITIONS
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,469A
; FILING DATE: October 31, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-08-961-469A-28

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      49 GGGCGCGCGACGAGAGGCTG 68
Db      20 GGGCGCGCGCGCGAGGAGGAG 1

RESULT 2488
US-09-009-913-259/c
; Sequence 259, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axy's Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
```

```

CORRESPONDENCE ADDRESS:
ADDRESSER: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION NUMBER: US/09/009,913
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 259:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-009-913-259
```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      4491 GACATGGGGTTTGCTGCTCT 4510
DB      20 GAGATGAGGTTTGGCTGTTT 1
```

```

RESULT 2489
US-09-164-907-19
Sequence 19, Application US/09164907A
Patent No. 6090559
GENERAL INFORMATION:
APPLICANT: RUSSELL, DAVID W.
TITLE OF INVENTION: BIOMARKERS FOR DETECTION, DIAGNOSIS AND PROGNOSIS OF
FILE REFERENCE: UROC:021
CURRENT APPLICATION NUMBER: US/09/164,907A
CURRENT FILING DATE: 1998-10-01
EARLIER APPLICATION NUMBER: 08/626,169
EARLIER FILING DATE: 1996-03-29
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-164-907-19
```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      2384 AGAGTGCTAACATCCAGCT 2403
DB      1 AGAGTGCGACGACCAAGCT 20
```

```

RESULT 2490
US-09-143-214-44
Sequence 44, Application US/09143214
Patent No. 6090626
```

```

GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/143,214
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: No. 6090626member 26, 1996
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
```

```

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
```

```

INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-143-214-44
```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      7102 AATAAGCAAAATGAATTA 7121
DB      1 AAGAAGCAATATGAAGTTA 20
```

```

RESULT 2491
US-09-143-214-59/c
Sequence 59, Application US/09143214
Patent No. 6090626
```

```

GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
```

```

QY      7102 AATAAGCAAAATGAATTA 7121
DB      1 AAGAAGCAATATGAAGTTA 20
```


STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/143,214
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: NO. 6090626ember 26, 1996
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA: 08/250,856
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: NO
US-09-143-214-59

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4648 GAATTCCTCTTGAGAGC 4667
DB 20 GAATTCCTCTTGAGAGC 1

RESULT 2492
US-08-621-841-45/C
Sequence 45, Application US/08621841
Patent No. 6096869
GENERAL INFORMATION:
APPLICANT: Stanley, Margaret A.
TITLE OF INVENTION: TREATMENT OF PAPILLOMAVIRUS-ASSOCIATED
TITLE OF INVENTION: LESIONS
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Teet, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,841
FILING DATE: 22-MAR-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9505784.0

FILING DATE: 22-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-63316
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-621-841-45

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4280 GCACTCTTCTGCAAGTGC 4299
DB 20 GCACTCTTCTGCAAGTGC 1

RESULT 2493
US-09-344-914-68
Sequence 68, Application US/09344914
Patent No. 6110664
GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-68

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4466 TTTTATTTCTTTATTTGT 4485
DB 1 TTTTATTTCTTTATTTGT 20

RESULT 2494
US-09-344-914-74/C
Sequence 74, Application US/09344914
Patent No. 6110664
GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-74

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4012 AAATGAGAAAAAGAGAGA 4031
DB 20 AAATGAAATAAAAGAAACA 1

RESULT 2495

US-09-344-914-75/c
; Sequence 75, Application US/09344914
; Patent No. 6110664
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
; FILE REFERENCE: RTS-0068
; CURRENT APPLICATION NUMBER: US/09/344,914
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-75

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AAATGAGAAAAAGAGAGA 4032
DB 20 AAATGAAATAAAAGAAACA 1

RESULT 2496

US-09-344-914-76/c
; Sequence 76, Application US/09344914
; Patent No. 6110664
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
; FILE REFERENCE: RTS-0068
; CURRENT APPLICATION NUMBER: US/09/344,914
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-76

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4014 AATGAGAAAAAGAGAGA 4033
DB 20 AATGAAATAAAAGAAACA 1

RESULT 2497

US-08-850-347-8
; Sequence 8, Application US/08850347
; Patent No. 6110742
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Seidman, Shlomo

APPLICANT: Eckstein, Fritz
; TITLE OF INVENTION: SYNTHETIC ANTISENSE
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 6110742thwestern Hwy.
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US

ZIP: 48334

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,347
; FILING DATE:
; CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955

REFERENCE/DOCKET NUMBER: 2391.00057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055

INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: mouse

US-08-850-347-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3633 GGGAGAGAGGTAGATGGG 3652
DB 1 GGGAGAGAGAGGAGAGAGG 20

RESULT 2498

US-09-062-416-27/c
; Sequence 27, Application US/09062416
; Patent No. 6111094
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Thomas P. Condon,
; TITLE OF INVENTION: ENHANCED ANTISENSE MODULATION OF ICAM-1
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 EAST MAIN STREET
; CITY: MARLTON
; STATE: NJ

COUNTRY: USA

ZIP: 08053

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/062,416
; FILING DATE: Herewith
; CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/440,740
 FILING DATE: MAY 12, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/063,167
 FILING DATE: MAY 17, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/969,151
 FILING DATE: FEB 10, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/007,997
 FILING DATE: JAN 21, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/939,855
 FILING DATE: SEP 2, 1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/567,286
 FILING DATE: AUG 14, 1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0306
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (609) 779-2400
 TELEFAX: (609) 810-1454
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: NO
 JS-09-062-416-27

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Fred. NO. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      5544      TGTGTCATGTCGATGAGAA 5563
          ||||| ||||| |||||
Db      20      TGTGTCATGTCGTGGGAA 1

RESULT 2499
US-09-128-494-20/c
; Sequence 20, Application US/09128494
; Patent No. 6117848
; GENERAL INFORMATION:
; APPLICANT: Monla, B.P., Cowserc, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/128,494
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/889,296
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734

```

```

      49 GGGCGGCGCAACGGAGGCTG 68
      20 GGGCGGCGGCGGCGGAGGCGAG 1
      20 GGGCGGCGGCGGCGGAGGCGAG 1

Query Match      0.2%  Score 13.6, DB 1, Length 20;
Best Local Similarity 80.0%  Pred. No. 2.3e+03;
Matches 16, Conservative 0, Mismatches 4, Indels 0, Gaps 0,
      49 GGGCGGCGCAACGGAGGCTG 68
      20 GGGCGGCGGCGGCGGAGGCGAG 1
      20 GGGCGGCGGCGGCGGAGGCGAG 1

      PIRING DATE: April 3, 1995
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: PCT/US93/09346
      FILING DATE: October 1, 1993
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 958,134
      FILING DATE: October 5, 1992
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/007,996
      FILING DATE: January 21, 1993
      ATTORNEY/AGENT INFORMATION:
      NAME: Jane Massey Licata
      REGISTRATION NUMBER: 32,257
      REFERENCE/DOCKET NUMBER: ISPH-0213
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (609) 779-2400
      TELEFAX: (609) 779-8488
      INFORMATION FOR SEQ ID NO: 20:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 20
      TYPE: Nucleic Acid
      STRANDEDNESS: Single
      TOPOLOGY: Linear
      ANTI-SENSE: Yes
      US-09-128-494-20

```

RESULT 2500
US-08-990-065-8
Sequence 8, Application US/08990065
Patent No. 6121046
GENERAL INFORMATION:
APPLICANT: Soreq, Hermona
APPLICANT: Seidman, Shlomo
APPLICANT: Eckstein, Fritz
APPLICANT: Friedman, Alon
APPLICANT: Kaufar, Daniela
TITLE OF INVENTION: SYNTHETIC ANTISENSE
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: CONTAINING THEM
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 6121046thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: U.S.
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990.065
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/850,347
FILING DATE: 02-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,826
FILING DATE: 01-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Montgomery, Ilene N.

```

; REGISTRATION NUMBER: 38,972
; REFERENCE/DOCKET NUMBER: 2391.00086
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
;
US-08-990-065-8

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      3633 GGGAGAGAGAGTAGATGGGG 3652
          |||||
DB      1 GGGAGAGAGAGAGAGAGAGG 20

```

```

RESULT 2501
US-08-930-601-5/c
; Sequence 5, Application US/08930601
; Patent No. 6124093
; GENERAL INFORMATION:
; APPLICANT: BAUER, Peter
; APPLICANT: ROLFS, Arndt
; APPLICANT: REGITZ-ZAGROSEK, Vera
; APPLICANT: FLECK, Eckart
; TITLE OF INVENTION: PROCESS FOR REDUCING THE FORMATION
; OF ARTIFACTS DURING TRANSCRIPTION OF RIBONUCLEIC ACIDS TO
; TITLE OF INVENTION: DEOXYRIBONUCLEIC ACIDS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikolaide, Marmelestein, Murray & Oram LLP
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/930,601
; FILING DATE: 10-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 13 728.0
; FILING DATE: 11-APR-1995
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligodesoxyribonucleotide"
; HYPOTHEICAL: NO
;
US-08-930-601-5

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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY      5285 GGCAGCCTCTACTCCAGCA 5304

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DB      20 GGCAGCCTCTCTCCAGCA 1
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```

RESULT 2502
US-09-074-357-9
; Sequence 9, Application US/09074357
; Patent No. 6133024
; GENERAL INFORMATION:
; APPLICANT: GIOVANNANGELI, CARINE
; APPLICANT: HELEN, CLAUDE
; TITLE OF INVENTION: GENE EXPRESSION CONTROL
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Rd. 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/074,357
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/669,274
; FILING DATE:
; APPLICATION NUMBER: FR 93-15798
; FILING DATE: 29-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 94-01536
; FILING DATE: 27-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: 38,619
; REFERENCE/DOCKET NUMBER: EX93022-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
;
US-09-074-357-9

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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

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QY      2866 GCAAGAGAGAGAGAGTGGG 2885
          |||||
DB      1 GCTAGAGAGAGAGAGATGGG 20

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```

RESULT 2503
US-09-280-799-52/c
; Sequence 52, Application US/09280799
; Patent No. 6136603
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: KARRAS, James G.
; APPLICANT: MCKAY, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0340

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/ CURRENT APPLICATION NUMBER: US/09/280,799
/ CURRENT FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 208
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 52
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-280-799-52

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1015 ACCCACTGTGACAGATGAA 1034
DB 20 ACCCACTGTGACTGAGAA 1

RESULT 2504
US-09-280-799-175/c
/ Sequence 175, Application US/09280799
/ Patent No. 6136603
/ GENERAL INFORMATION:
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Karris, James G.
/ APPLICANT: McKay, Robert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
/ TITLE OF INVENTION: TRANSDUCTION
/ FILE REFERENCE: ISPH-0340
/ CURRENT APPLICATION NUMBER: US/09/280,799
/ CURRENT FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 208
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 175
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-280-799-175

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3666 GACCCACAACCTCCAGCC 3685
DB 20 GACCCACAATCATCTAGCC 1

RESULT 2505
US-09-150-805-15/c
/ Sequence 15, Application US/09150805
/ Patent No. 6140080
/ GENERAL INFORMATION:
/ APPLICANT: Bruce, Wesley
/ APPLICANT: Lu, Guihua
/ TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
/ TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
/ STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
/ CITY: Johnston
/ STATE: Iowa
/ COUNTRY: USA
/ ZIP: 50131
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk

/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/150,805
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/996,069
/ FILING DATE: 22-DEC-1997
/ APPLICATION NUMBER: US 08/649,172
/ FILING DATE: 17-MAY-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Yates, Michael E.
/ REGISTRATION NUMBER: 36,063
/ REFERENCE/DOCKET NUMBER: 0465R
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (515) 248-4800
/ TELEFAX: (515) 248-4844
/ INFORMATION FOR SEQ ID NO: 15:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-09-150-805-15

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5987 CAACCTGTGTGAGTCAGCA 6006
DB 20 CAACCTGTGCTGACTGAGCA 1

RESULT 2506
US-09-150-805-17/c
/ Sequence 17, Application US/09150805
/ Patent No. 6140080
/ GENERAL INFORMATION:
/ APPLICANT: Bruce, Wesley
/ APPLICANT: Lu, Guihua
/ TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
/ TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
/ STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
/ CITY: Johnston
/ STATE: Iowa
/ COUNTRY: USA
/ ZIP: 50131
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/150,805
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/996,069
/ FILING DATE: 22-DEC-1997
/ APPLICATION NUMBER: US 08/649,172
/ FILING DATE: 17-MAY-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Yates, Michael E.
/ REGISTRATION NUMBER: 36,063
/ REFERENCE/DOCKET NUMBER: 0465R

TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248-4800
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-150-805-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5987 CAACCTGTGTGAAGTCAGGA 6006
Db 20 CAACTTGCTGTGAATATGGA 1

RESULT 2507
US-09-429-323-26/c
Sequence 26, Application US/09429323A
Patent No. 6140126 6140123
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
FILE REFERENCE: RTS-0092
CURRENT APPLICATION NUMBER: US/09/429,323A
CURRENT FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-26

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3389 CCCAGCTGCACCCGCCACC 3408
Db 20 CCCAGCAGCCGCCGCCGCC 1

RESULT 2508
US-09-429-323-30/c
Sequence 30, Application US/09429323A
Patent No. 6140126 6140123
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
FILE REFERENCE: RTS-0092
CURRENT APPLICATION NUMBER: US/09/429,323A
CURRENT FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-30

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 70 GGGGCGCGCGCGCGAGCGG 89
Db 20 GGGAGCGGTGGCCGGGCGG 1

RESULT 2509
US-09-429-323-46
Sequence 46, Application US/09429323A
Patent No. 6140126 6140123
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
FILE REFERENCE: RTS-0092
CURRENT APPLICATION NUMBER: US/09/429,323A
CURRENT FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 46
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-46

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5732 GCTTCCTTCCCTTTCTTC 5751
Db 1 GCTTCCTCACCCTTTCTTC 20

RESULT 2510
US-08-765-340-19
Sequence 19, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.,
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994

ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 751-6849
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-19

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5837 GCATGGCTGCATGATCCCA 5856
DB 1 GCATGGCTGCATGATCCCA 20

RESULT 2511
US-08-765-340-64/C
Sequence 64, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.,
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 751-6849
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-64

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2410 ACAGTGCACCAACATCAC 2429
DB 20 ACTGAGAGTCCCAATCAC 1

RESULT 2512
US-08-765-340-82/C
Sequence 82, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.,
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 751-6849
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-82

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5412 AAGAAATATAAAGCAAGACA 5431
DB 20 AAGAAATATAAAGCAAGACA 1

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RESULT 2513
US-09-249-215-172
; Sequence 172: Application US/09249215
; Patent No. 6159692
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
Bharat Chowitra
James McSwiggen
Dan T. Strinchcomb
James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
HUMAN IMMUNODEFICIENCY VIRUS
REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/249,215
FILING DATE: 12-Feb-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/910,408
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,127
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 172:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 172:
US-09-249-215-172
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.0%; Pred.No. 2.3e+03;
Matches 11; Conservative 5; Mismatches 4; Indels 0; Gaps 0
QY 3822 TGACAGGCCCTGTGCTTC 3841
||||| |||::|
1 TGACAGCCGCGUAGCAUUC 20
RESULT 2514
US-09-249-215-189
; Sequence 189, Application US/09249215
; Patent No. 6159692
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
Bharat Chowitra

```

```

James McGwigen
Dan T. Stinchcomb
James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
HUMAN IMMUNODEFICIENCY VIRUS
REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
Suite 4700
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/249,215
FILING DATE: 12-Feb-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/910,408
FILING DATE: <unknown>
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Waidburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 189:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 189:
US-09-249-215-189
Query Match 0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 55.0% Pred. Mismatches 4; Indels 0; Gaps 0
Matches 11; Conservative 5;
Db 1 TGACAGCGCCCTGACCTTC 3841
1 TGACAGCGCCCTGACCAUUC 20
RESULT 2515
US-09-288-461-23/c
Sequence 23, Application US/09288461
Patent No. 6159694
GENERAL INFORMATION:
APPLICANT: Karraas, James G.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
TITLE OF INVENTION: Expression
FILE REFERENCE: ISPH-0338
CURRENT APPLICATION NUMBER: US/09/288,461
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
LENGTH: 20
TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-23

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

7414 AGCAGCAGCAGCAGCAGCAG 7433
20 AGCAGCAGCAGCAGCAGCAG 1

Db

RESULT 2516
US-09-288-461-47
; Sequence 47, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Kariya, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-47

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

777 CCCGCTGGGGGGGGGGGGCG 796
1 CCCGCTGGGGGGGGGGGGCG 20

Db

RESULT 2517
US-09-444-053-34/C
; Sequence 34, Application US/09444053A
; Patent No. 6165728
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-34

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

4998 AGCTGAAGACAGATGAG 5017
20 AGCGAAGACAGCTGAG 1

Db
```

```

RESULT 2518
US-09-080-704A-17/C
; Sequence 17, Application US/09080704A
; Patent No. 616181
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,704A
; FILING DATE: 18 May 1998
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Parr, Richard S.
; REGISTRATION NUMBER: 32,586
; REFERENCE/DOCKET NUMBER: 18699DB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (732)594-4958
; TELEFAX: (732)594-4720
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-080-704A-17

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

6206 GAATTGAATTAAGTGGG 6225
20 GAACCTGCTCAAGAAGTGG 1

Db

RESULT 2519
US-09-435-296-56/C
; Sequence 56, Application US/09435296
; Patent No. 6171860
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
; FILE REFERENCE: RTS-0116
; CURRENT APPLICATION NUMBER: US/09/435,296
; CURRENT FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-56

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 61 GGAGGCTGGGGGGGGGG 80
DB 20 GGAGGGCGGGCGGGCGCTG 1

RESULT 2520
US-09-490-692-67
; Sequence 67, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-67

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5704 CTTCCTTTCTCTCTCTC 5723
DB 1 CCTCCTTCTCTCATCATC 20

RESULT 2521
US-09-490-692-68
; Sequence 68, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-68

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3853 CTTTTCCTTATTCCTCC 3872
DB 1 CCTCCTTCTCTCTCTCC 20

RESULT 2522
US-09-490-692-72/C
; Sequence 72, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowseert

; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-72

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3638 AGAGGTGATGGGAGAA 3657
DB 20 AGAGGACGAGAGGAGAA 1

RESULT 2523
US-09-490-692-125/C
; Sequence 125, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-125

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4732 GGAGCGCTGAGAGAA 4751
DB 20 GGAGCGCGCTTGAAGAGA 1

RESULT 2524
US-09-280-805-147
; Sequence 147, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESS: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-147

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2193 CCGCATCTCTTACCGAG 2212
Db 1 CCTCATCTCTTACCTGAG 20

RESULT 2525
US-09-075-501-5/c
Sequence 5, Application US/09075501
Patent No. 6187538
GENERAL INFORMATION:
APPLICANT: EASTMAN, P. SCOTT
APPLICANT: URDEA, MICHAEL S.
APPLICANT: KOLBERG, JANICE A.
TITLE OF INVENTION: DIFFERENTIAL HYBRIDIZATION FOR RELATIVE
TITLE OF INVENTION: QUANTIFICATION OF VARIANT POPULATIONS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CHIRON CORPORATION, Intellectual Property -
ADDRESSEE: R440
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: P.O. Box 8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/075,501
FILING DATE: 7 MAY 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: GOLDMAN, KENNETH M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0975.003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 923-2719
TELEFAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-075-501-5/c

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4081 GGAATCTTCCATGCTG 4100
Db 20 GGTGATCTTCCATGCTG 1

RESULT 2526
US-09-517-584A-73
Sequence 73, Application US/09517584A
Patent No. 6187587
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-73

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1168 AAGTATCCCATCTGCTG 1187
Db 1 AAGCTCCCCACCTGCTG 20

RESULT 2527
US-09-046-894-55
Sequence 55, Application US/09046894
Patent No. 6190857
GENERAL INFORMATION:
APPLICANT: Ralph, David
APPLICANT: An, Gang
APPLICANT: O'Hara, Mark S.
APPLICANT: Velicki, Robert
TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING mRNA
TITLE OF INVENTION: PROFILES IN PERIPHERAL LEUCOCYTES
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,894
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,576

```

; FILING DATE: 24-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakashima, Richard A.
; REGISTRATION NUMBER: P-42,023
; REFERENCE/DOCKET NUMBER: UROC:014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-046-894-55
;
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2384 AGAGTGTAACATCCAGCT 2403
Db      1 AGAGTGCAACACCAAGCT 20
      |||||
RESULT 2528
US-09-408-257-26
; Sequence 26, Application US/09408257
; Patent No. 6190905
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofoed, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Damhann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6190905disk of No. 6190905ch America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/408,257
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,551
; FILING DATE: 01-FEB-1996
; APPLICATION NUMBER: DK 0811/93
; FILING DATE: 06-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/02044
; FILING DATE: 19-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4006.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TOPOLOGY: linear
```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Aspergillus aculeatus
;
US-09-408-257-26
;
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1607 TCAAGACTTCACAGACCAG 1626
Db      1 TCAAGACTTCTCCGTCAG 20
      |||||
RESULT 2529
US-09-092-077-31
; Sequence 31, Application US/09092077
; Patent No. 6194142
; GENERAL INFORMATION:
; APPLICANT: Moncany, Maurice
; APPLICANT: Montagnier, Luc
; TITLE OF INVENTION: Nucleotide Sequences Derived From The
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fannegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4000
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

MOLECULE TYPE: DNA (genomic)
US-09-092-077-31

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1023 TGGACAGATGAAGAGGACT 1042
1 TGGAAAGGTGAAGGGGCACT 20

RESULT 2530
US-09-092-077-33/c
Sequence 33, Application US/09092077
Patent No. 6194142

GENERAL INFORMATION:
APPLICANT: Moncany, Maurice
TITLE OF INVENTION: Nucleotide Sequences Derived From The
TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
TITLE OF INVENTION: Of The Diseases Due To Those Viruses
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Finegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/092,077
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/472,928
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/160,465
FILING DATE: 02-DEC-1993
PRIOR APPLICATION DATA: FR 8912371
APPLICATION NUMBER: FR 8912371
FILING DATE: 20-SEP-1989
APPLICATION DATA:
APPLICATION NUMBER: FR 8907354
FILING DATE: 06-FEB-1989
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 02356.0062-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4000
TELEFAX: (202)408-4400

INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-092-077-33

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1023 TGGACAGATGAAGAGGACT 1042
20 TGGAAAGGTGAAGGGGCACT 1

RESULT 2531
US-09-101-886B-44
Sequence 44, Application US/09101886B
Patent No. 6197507

GENERAL INFORMATION:
APPLICANT: BERG, THOMAS
TITLE OF INVENTION: TOLLERSRUD, OLE K
TITLE OF INVENTION: NILSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESSES:
ADDRESSEE: BARBARA G. ERNST
STREET: 555 13TH STREET, NW SUITE 701E
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/101,886B
FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1181-240
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-101-886B-44

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

7116 AAATTACTTCTGTCGACA 7135
1 AAATTACTATCCAGTCACCA 20

RESULT 2532
US-09-101-886B-89/c
Sequence 89, Application US/09101886B
Patent No. 6197507

GENERAL INFORMATION:
APPLICANT: BERG, THOMAS
TITLE OF INVENTION: TOLLERSRUD, OLE K
TITLE OF INVENTION: NILSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESSES:

```
ADDRESSER: BARBARA G. ERNST
STREET: 555 13TH STREET, NW SUITE 701E
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/101,886B
FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1181-240
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-09-101-886B-89
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      185 GCCGCTGACCTCCGACGCG 204
DB      20 GCCCCTGACCTTCACAGG 1

RESULT 2533
US-09-413-304-9/c
; Sequence 9, Application US/09413304
; Patent No. 6207387
; GENERAL INFORMATION:
; APPLICANT: Louis J. Elsas II
; APPLICANT: K. Muraidharan
; TITLE OF INVENTION: MOLECULAR DIAGNOSTICS FOR GALACTOSEMIA
; FILE REFERENCE: 05010.0079
; CURRENT APPLICATION NUMBER: US/09/413,304
; CURRENT FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: /No. 6207387e =
US-09-413-304-9
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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1307 CCACAGCTAGATCCGCTCCA 1326
DB      20 CCAGAGCTAGAGCCACTACA 1
```

```
RESULT 2534
US-09-244-794A-31
; Sequence 31, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihc
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/35006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR FILING DATE: 1998-01-14
; PRIOR APPLICATION NUMBER: 09/007,005
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
US-09-244-794A-31
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      4465 TTTTGTGTGTGTGTGTGTGTGTGT 4484
DB      1 TTTTGTGTGTGTGTGTGTGTGT 20
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RESULT 2535
US-08-590-399-22
; Sequence 22, Application US/08590399
; Patent No. 6214588
; GENERAL INFORMATION:
; APPLICANT: Young, Richard A.
; APPLICANT: Koleske, Anthony J.
; APPLICANT: Thompson, Craig M.
; APPLICANT: Chao, David M.
; TITLE OF INVENTION: NO. 6214588e1 Factors Which Modify Gene
; TITLE OF INVENTION: Transcription and Methods of Use Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Millitia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/590,399
; FILING DATE: 26-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/540,804
; FILING DATE: 11-OCT-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/521,872
```

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; FILING DATE: 31-AUG-1995
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/218,265
; FILING DATE: 25-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: WI194-03A3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-9540
; TELEFAX: 617-861-6240
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-590-399-22

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4409 CAAAATGAATTTTCTCTG 4428
DB      1 CCNAAGTGAATTTTACTG 20

RESULT 2536
US-09-262-773-204
; Sequence 204, Application US/09262773
; Patent No. 6228451
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; APPLICANT: Ding, Wei
; APPLICANT: Wagner, Susanne
; APPLICANT: Hees, Mark A.
; TITLE OF INVENTION: CHROMOSOME 11-LINKED CORONARY HEART DISEASE
; TITLE OF INVENTION: SUSCEPTIBILITY GENE CHD1
; FILE REFERENCE: Myriad 3
; CURRENT APPLICATION NUMBER: US/09/262,773
; CURRENT FILING DATE: 1999-03-04
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: DNA fragment
; US-09-262-773-204

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3623 GGGTGGGGGTGGAGAGAG 3642
DB      1 GGGTGGGGGGGGGTGGGGG 20

RESULT 2537
US-09-313-932-17
; Sequence 17, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; OTHER INFORMATION:
; CURRENT APPLICATION NUMBER: US/09/313,932A
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; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 17:
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-17

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      12962 ACCACCAGCCGAAATCTCT 2981
DB      1 ACCACCAGCTGGTTACTCT 20

RESULT 2538
US-09-313-932-22/c
; Sequence 22, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-22

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1664 AGGTCACCTTGTCTGTC 1683
DB      20 AGGTCACCTCTCTCTGTC 1

RESULT 2539
US-09-313-932-398
; Sequence 398, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 398
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-398
```

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3301 CAGATCAATATTGTGAGATA 3320
|||||
Db 1 CAGATTAATATTTTAAAAA 20

RESULT 2540
US-08-996-069A-15/c
; Sequence 15, Application US/08996069A
; Patent No. 6228645
; GENERAL INFORMATION:
; APPLICANT: Bruce, Wesley
; APPLICANT: Lu, Guihua
; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
; STREET: Box 1000
; CITY: Johnston
; STATE: Iowa
; COUNTRY: USA
; ZIP: 50131
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,069A
; FILING DATE: 22-DEC-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/649,172
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Yates, Michael E.
; REGISTRATION NUMBER: 36,063
; REFERENCE/DOCKET NUMBER: 0465R
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (515) 248-4800
; TELEFAX: (515) 248-4844
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-996-069A-15

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5987 CAACTGTGCTGAAGTCAGGA 6006
|||||
Db 20 CAACTTGCTGAAGTCAGGA 1

RESULT 2541
US-08-996-069A-17/c
; Sequence 17, Application US/08996069A
; Patent No. 6228645
; GENERAL INFORMATION:
; APPLICANT: Bruce, Wesley
; APPLICANT: Lu, Guihua
; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING

;; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
;; NUMBER OF SEQUENCES: 19
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
;; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
;; STREET: Box 1000
;; CITY: Johnston
;; STATE: Iowa
;; COUNTRY: USA
;; ZIP: 50131

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/996,069A
;; FILING DATE: 22-DEC-1997
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/649,172
;; FILING DATE: 17-MAY-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Yates, Michael E.
;; REGISTRATION NUMBER: 36,063
;; REFERENCE/DOCKET NUMBER: 0465R
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (515) 248-4800
;; TELEFAX: (515) 248-4844
;; INFORMATION FOR SEQ ID NO: 17:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-996-069A-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5987 CAACTGTGCTGAAGTCAGGA 6006
|||||
Db 20 CAACTTGCTGAAGTCAGGA 1

RESULT 2542
US-09-038-637-106
; Sequence 106, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,637
; FILING DATE: 10-MAR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/579,233
; FILING DATE: 28-DEC-1995


```

; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Halle, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07285/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-09-038-637-106

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1122 GTGCACAGTGGACAGATT 1141
Db 1 GTGCACAGTGGACAGATT 20

RESULT 2543
US-09-290-577-5
; Sequence 5, Application US/09290577
; Patent No. 6238868
; GENERAL INFORMATION:
; APPLICANT: Carrino, John J.
; APPLICANT: Gertrude, Louis O.
; APPLICANT: Dwyer, Jonathan M.
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC
; TITLE OF INVENTION: ACID SEQUENCES USING LIGATION-DEPENDANT STRAND
; TITLE OF INVENTION: DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP
; FILE REFERENCE: 238/238
; CURRENT APPLICATION NUMBER: US/09/290,577
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; US-09-290-577-5

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTTGAGTGGACATC 354
Db 1 ACTACAGTGGACGTGGACATC 20

RESULT 2544
US-09-290-577-22
; Sequence 22, Application US/09290577
; Patent No. 6238868
; GENERAL INFORMATION:
; APPLICANT: Carrino, John J.
; APPLICANT: Gertrude, Louis O.
; APPLICANT: Dwyer, Jonathan M.
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC
; TITLE OF INVENTION: ACID SEQUENCES USING LIGATION-DEPENDANT STRAND
; TITLE OF INVENTION: DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP
; FILE REFERENCE: 238/238
; CURRENT APPLICATION NUMBER: US/09/290,577
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; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; US-09-290-577-22

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTTGAGTGGACATC 354
Db 1 ACTACAGTGGACGTGGACATC 20

RESULT 2545
US-09-371-774-50/c
; Sequence 50, Application US/09371774
; Patent No. 6242187
; GENERAL INFORMATION:
; APPLICANT: Daniel J. Capon
; APPLICANT: Christos John Petropoulos
; TITLE OF INVENTION: Compositions and Methods for
; Determining Anti-Viral Drug Susceptibility and
; Resistance and Anti-Viral Drug Screening
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version#1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/371,774
; FILING DATE: 10-Aug-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 50130-F/JPM/CMR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 50:
; US-09-371-774-50

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2866 GCAAGAGAGGAGGAGTGG 2885
Db 20 GCTAAGAGGAGAGGATGG 1

RESULT 2546
US-09-560-594-54
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```
; Sequence 54, Application US/09560594
; Patent No. 6242590
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
; FILE REFERENCE: RTS-0144
; CURRENT APPLICATION NUMBER: US/09/560,594
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-560-594-54

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      6757 ATGCAGGAGATATGCAGGAC 6776
          |||||
Db      1 ATGCAGGAGATTGACACTGC 20

RESULT 2547
US-09-021-701-351/c
; Sequence 351, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Record Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 351:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-351
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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3729 TCATTGAGCTTTTAAAGA 3748
          |||||
Db      20 TCTTAGAGCTTTTAAAAA 1

RESULT 2548
US-09-021-701-353/c
; Sequence 353, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Record Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 353:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-353

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3727 ATTCATTGAGCTTTTAAAA 3746
          |||||
Db      20 AATCTTAGAGCTTTTAAAA 1

RESULT 2549
US-09-021-701-399
; Sequence 399, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
```

APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 399:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-399

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4080 TGGAAATCCTTCCCATCCT 4099
DB 1 TGGTATCCTTCCATCCT 20

RESULT 2550
US-09-021-701-400
Sequence 400, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 400:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-400

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4081 GGAATCCTTCCATCCTG 4100
DB 1 GGTATCCTTCCATCCTG 20

RESULT 2551
US-09-021-701-404
Sequence 404, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 404:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-404

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4085 ATCTTCCCATGCTGATGA 4104
Db 1 ATCTTCCATCCCTGTGGA 20

RESULT 2552
US-09-021-701-512/c
Sequence 512, Application US/09021701
Patent No. 6251588

GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESSES:
ADDRESSER: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 512:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-512

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4297 TGCATCTTTTCTCTCCCT 4316
Db 20 TGCATTTTTCATGTTCCCT 1

RESULT 2553
US-09-021-701-550
Sequence 550, Application US/09021701

Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESSES:
ADDRESSER: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 550:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-550

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6460 GATACCTTTTCTCTGTT 6479
Db 1 GTTACTGATTTTCTTTT 20

RESULT 2554
US-09-021-701-663/c
Sequence 663, Application US/09021701
Patent No. 6251588

GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESSES:
ADDRESSER: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 663:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-663

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7104 TAAAGAAAATGAATTACT 7123
Db 20 TAAAGAAAAGACAGTACT 1

RESULT 2555
US-09-021-701-664/c
Sequence 664, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 664:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-664

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7103 ATAGAAAATGAATTAC 7122
Db 20 ATAGAAAAGACAGTAC 1

RESULT 2556
US-09-021-701-673/c
Sequence 673, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 673:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-673

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7094 GTAGTAGCATTAGAGAAA 7113
Db 20 GTATTGCCATTAGAGAAA 1

RESULT 2557
US-09-043-303-8
; Sequence 8, Application US/09043303
; Patent No. 6251589
; GENERAL INFORMATION:
; APPLICANT: TSUJI, Shoji
; APPLICANT: SANPEI, Kazuhiro
; TITLE OF INVENTION: Method for Diagnosing Spinocerebellar Ataxia Type 2 and
; TITLE OF INVENTION: Primers Therefor
; FILE REFERENCE: 0760-0241P
; CURRENT APPLICATION NUMBER: US/09/043,303
; CURRENT FILING DATE: 1998-05-18
; EARLIER APPLICATION NUMBER: PCT/JP96/01999
; EARLIER FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-043-303-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7407 CAACATCGACGACGACGACA 7426
Db 1 CACGACGACGACGACGACA 20

RESULT 2558
US-08-875-847B-29
; Sequence 29, Application US/08875847B
; Patent No. 6255105
; GENERAL INFORMATION:
; APPLICANT: The Government of the United
; APPLICANT: States of America as represented by the
; APPLICANT: Secretary, Department of Health and Human
; APPLICANT: Services, Callahan, Robert; Marchetti,
; APPLICANT: Antonio; Buttila, Flamma; Smith, Gilbert H.
; TITLE OF INVENTION: Nucleotide And Deduced
; TITLE OF INVENTION: Amino Acid Sequences Of A New Tumor Gene,
; TITLE OF INVENTION: Int6, And the Use Of Reagents Derived From
; TITLE OF INVENTION: These Sequences In Diagnostic Assays,
; TITLE OF INVENTION: Vaccines, Immunotherapy And Gene Therapy
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,847B
; FILING DATE: 09-FEB-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/385,998
; FILING DATE: 09-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: William S. Feller

REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4179PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-875-847B-29

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3426 TGTCACATTTTCGCCCCA 3445
Db 1 TGTCACATTTTCGCTA 20

RESULT 2559
US-09-007-005-31
; Sequence 31, Application US/0907005B
; Patent No. 6258558
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihue
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350003
; CURRENT APPLICATION NUMBER: US/09/007,005B
; CURRENT FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
US-09-007-005-31

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4465 TTTTGTGTTTGTGTTTGTG 4484
Db 1 TTTTGTGTTGTTGTTG 20

RESULT 2560
US-09-487-445-47/C
; Sequence 47, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 47
; LENGTH: 20